

# SEQUENCE LISTING

<110> Williams, Lewis T.  
Escobedo, Jaime  
Innis, Michael A.  
Garcia, Pablo Dominiguez  
Sudduth-Klinger, Julie  
Reinhard, Christoph  
Giese, Klaus  
Randazzo, Filippo  
Kennedy, Giulia C.  
Pot, David  
Kassam, Altaf  
Lamson, George  
Drmanac, Radoje  
Crkvenjakov, Radomir  
Dickson, Mark  
Drmanac, Snezana  
Labat, Ivan  
Leshkowitz, Dena  
Kita, David  
Garcia, Veronica  
Jones, Lee William  
Stache-Crain, Birgit

<120> Human Genes and Gene Products

<130> 1624.002

<150> 60/188,609

<151> 2000-03-09

<160> 2396

<170> FastSEQ for Windows Version 4.0

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tggtcaacct	tagtgctgct	aacagcaaga	caagcagata	ctgtgtgcat	tccgacatga	240
ggcagtacaa	agtacatagt	atcacctagg	aactagtctt	gccaaaagca	gaggggggca	300
gggggagaca	gagagacaca	nagagagaaa	cagagaccgt	gacagtgaga	aatttaacct	360
an						362

[illegible]

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 aggataaggc tactgatttg atactaaatg aatcagcagt ggatgtaggg atagctgatt 180  
 ttaaaacact cggctgggca cagtggctca cacctgtaat ccagcactt tgggaggctg 240  
 aggcaggcag atcatgatgt caggagtttg agaaccagct ggccaatatg gtgaaaccct 300  
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 cctcccaaag tgttgggatt acaggcgtga gccaccgcgc ccggccgagc agataggtta 240  
 tcaaagagct gagcaaagat tgtagcagtc tcacagtact agggagataa aggtaggat 300  
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 tnaccatatt ggccaggctg atcttgaact cctgtcctcg ggtgaactat ctggcatggt 180  
 ctagtattgt gacgtgcaca catacttctt tttgtatgaa ttcttcagca gaaatggggg 240  
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 gaaaaaatag gaaacgaaga ggagaagaat agggaggaga aaaggatggg agaaaagaaa 180  
 aaggaaaagt agggaggagta gaaaaagagg agaaggagga agaagaaaga gaaggaggag 240  
 acgaaaagaa tgagaaaaag aggagaggag aatgaggaga aggcgtataa gataagaacg 300  
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<213> Homo sapiens

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tcagaaaaaa	acgagacaga	aggctataag	catgagtgtg	ggcaggggtgc	tgtgggtcac	180
ttctgtaatc	ccagcacttt	gggaggccaa	ggtaggagaa	tcccttgaag	ccaggaattc	240
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gacgagtgtg	atacctacaa	gcttatnaet	tgggaggctt	gctctttag	tatcgcttgt	180
atcttttggg	ggtttagac	tatatgttct	ctgttttctt	tttttctctt	tcttttttta	240
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gaacgggagg	agatttgcta	taggaaagtc	ctaaaataaa	ggaaaagtga	tgagccctaa	180
taaacaagta	gtgtttttga	ctcagcattg	aaaaaatga	atgagctatg	accaggagat	240
ctaagtttct	tttggtggct	aacatgcaca	aaagttatct	gttcaataag	ggtagtattg	300
atggtccata	tctcatatta	actag				325

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<211> 320

<212> DNA

<213> Homo sapiens

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tgattcggct	gccttggcct	cccaaagtgc	tgtgattacc	agcgtgagcc	gccgtgcccg	180
gccactagcg	gcatttaatt	aaagagatct	tggcgccgtc	tctcgtatac	tattgacctc	240
aaccttgccg	gtgacctgc	ctgatcetta	gtctgcttat	tggataaacg	gggatgtcct	300
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<213> Homo sapiens

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tctactatgg agggagagggc tggataatca cttgaacctg gtaggcgaag gttgtggtga      180
gccgagatcg caccattgca ctccagcctg ggcaacaaga gcgaaactac gtctcacaaa      240
aaaaaaaaaa aaaatctttg gggccggttt ttaaataaac tcgacatgga agcacacact      300
tgtaggcttg ggcacacccc aaagcttgag cggcgggaaa aaattgtttt ttg              353

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<212> DNA
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aattggcttc attatttggg ccaccacttt tatatacata ctggggttga gggcagcaac      120
cagcattctt ggctaagata aatgaggctg ggcacagtag cttatgcctg taatcccagg      180
actttgggag gcctaggtgg gaggatcact tgagcttagg agttctagac tagcctaggg      240
aacatagcaa gaccctaact ctaaaacaat tttttttttt ttttttttga gaagagtttc      300
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ttttttccaa aggggacttt tttctgaacc ccataaatgt tttatgcttc ttatatggag      180
tttatataat tttgcattgt attggaatca tttaggtaat tgtcttatct tcattgctag      240
agtgtaaact ctttaaggta aagacagtgt tattcagtta attatctccc caaataccta      300
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ttaagctatc acatttagtg cctatggtag gcactaaatc aagggt              405

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cctcagcctt ccgagtagct gggactacag gctcccagaca ccatgccag ctaattctct      120
ggattgatag tatagacggg tttttattgt ttttttccac atttttcttt ttagtattgc      180
ctatatttcc tcggcatctt gtacctaata gtgtgcgttt aaaaaattgc ctggcaacat      240
atatacgctt ttttattttt atgacttgaa taaaaaaagg tgggactccc aatttgttct      300
cgcacct              307

<210> 18
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<213> Homo sapiens

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gtggagccgc ttgaatcg                                          138
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<211> 324

<212> DNA

<213> Homo sapiens

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cagtatttct acatttttaa tgaaaaaaaa tgctgaccc attcattgga gaaaacaacc      120
cacgaaacaa ccccccaata tggtagaata aatgcctatt tctaagggtgc tatagtcttc      180
caatgcacac cttcagggttc agacttagac aagaccacaaa tatacttttag ttctaatacac      240
cctcctaaag acaccacggc agagtgcact cccaacctct accatacata gcggaaaggc      300
acacactact actgtgagct gaaa                                          324
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<211> 280

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

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caatatttct acatttttaa tgaaaaaaaa tgctgaccc attcattgga gaaaacaacc      120
cacgaaacaa ccccccaata tggtagaata aatgcctatt tctaagggtgc tataaggctt      180
ccaatgcaca ccttcagggt tcagacttag acaagaccan aatatacttt agttctaate      240
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<210> 21

<211> 317

<212> DNA

<213> Homo sapiens

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ctcaggcatc agtgtatttc aaagctcacc atgtgattcc aaggatgtg catatttgag      180
agcctttgcc ttaaaagaag gagcagggtga ctcatactag caagatagt aacagatcac      240
caggccagcc ttgtgggtag aaataatcgt gacactctga cactgttctc tactaagtta      300
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<213> Homo sapiens

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<221> misc\_feature

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agggccctgg ccctacaaag gggtcagttg gtattagtca atttcaaagg cctacattnt	180
ccttgtctat aaaattagg gctcagacag atgattttga ggtttctctt g	231

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<211> 384

<212> DNA

<213> Homo sapiens

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catccaaaat ggaatccgag acagaaaagag gaccttagcc ttcatactctg ttttttctt	120
atgaagcttc ttctgggttg aaacttgtca aatttcatca ggtaagaagt gctaaagtga	180
acctgtaaac tttgtttcaa aaaacaaaaa ccgaagtta agaaatctaa agatgggtgtc	240
agccttagac agatctctgg actgtaatct gggaaaaggc aaataagatc tccaatcgtg	300
tacaattcca aatacatttg agagcagtg gtctgaaaat gtggttccca gaccagcagc	360
atcaacacca tgaaggaagt tggt	384

<210> 24

<211> 350

<212> DNA

<213> Homo sapiens

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tgccatgttg tccaggtga tcttgaactc ctgatctcag gtgatctgcc cgcctcggct	120
tccgaaagt ctgggattac aggcattgag caccatgcc ggccgatgtc tgcattttca	180
taggtgacca ctgaggctaa aaagcatcac tattccaaat cactattcca aaggcattaa	240
ctcctgatgg tgacatctca ggcacttaga cacttgtaat ttattcatca aacatgcctg	300
agacagataa cattttgcta ggtgctcagt ctgcaacgat gtattggact	350

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<211> 149

<212> DNA

<213> Homo sapiens

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tattgtctct cccttgact tattcgctg	149

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<212> DNA

<213> Homo sapiens

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gcggagcttg cagtgaagcc agattgcgc actgcactcc agcctgggtg acagagcaag	180
agtcgcttc aaaacgaagc agcgcataaa agaaggacga aaccaccgcc aaccaaccaa	240
acaaaaccca aaaaacccaa agtaacggag gtggccgagg gagctgggga taggggagga	300

gtccaaacac ctgggagcta gaagtttctg aaaactgtaa gtcttttggt gtcactaaaa 360  
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<211> 388  
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<213> Homo sapiens

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actccagtct gggcaacaga gcgagactcc atctcagaaa aaaagaaaaa aagactgggt 300  
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ggacttaaag atcactagtg tctaaatt 388

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<212> DNA  
<213> Homo sapiens

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ggggttgggc caacccccct tttaatgggc gggaaaaaaa gggttttttt ggaaaattgg 180  
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<212> DNA  
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gggggggttg gaccaccccc cccttaaagg gcgggggaaa aaggggtttt ttgggaaaat 180  
tggggagctt tttgttttat tgcaccctt a 211

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<211> 282  
<212> DNA  
<213> Homo sapiens

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aatggaaggg ggccaaaaaa acctgtttta attcccaccc tttgtttagg gggccctttt 180  
tttgtttttg ccctgattaa agtttaaccc caacggccaa atcctcttat acctagacat 240  
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 <212> DNA  
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 cccagatggt gaagtgtcag tgagccaaga tgggtgccact gcaactccagc ctggttgaca 180  
 gaggtagacc ctgtctcaaa aaaacaaacc aaaagaaaag agagagagag agagaagtta 240  
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 tcacaggaag tgagccaaga aggggaaaaa a 331

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 <213> Homo sapiens

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 gatgcgatcg accaatttaa gctccgtctg acacatgatc aatagcccgt gatgctgcat 180  
 ggaattgcag gcacagcgtc caaacctgca gagcagtggc tcccagctgt ggcaactttg 240  
 cccccagag gacatttggc aatgtctgga tatgtttgca attgtcacia ctaggagagg 300  
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 caggagaagt cccacc 377

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 <211> 358  
 <212> DNA  
 <213> Homo sapiens

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 aaatccttct cactcttggg acctctctaa catcctcctt caccacatag ctctcatttc 180  
 ttgccagaga atgctctctg cttttcagga ctcagataat ttagccttcc caggtaatcc 240  
 aggataatca atctactttg agatccatac cctttaatca catctgcaaa gacccttttg 300  
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 ttctaggata ttagatataa acagaagggtg ctggaaggta tctccaagaa tgccccttga 180  
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 tggatgcata tgtgatagct ggaacgccag cagcc 275

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 cttggccaga ttttacctaa tgaagattct gcagcagtga gaacttgctt agagtcacat 180  
 cgtcaaagggt ggagctagaa tctgtaagca acctggctct ctactcttta ccactgctgc 240  
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<220>  
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 <223> n = A,T,C or G

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 ctaaagaggg ggaaggctctg gaggttggaag agaggactgg aatctgattg gggttccaac 120  
 aaatctgtaa caccgctggg aacgactggg tccccttttag gtccctttagg acagcgtttg 180  
 aaatcttgct ttcccctgca gggatccagc accggctcct cctccggcaa ccacgggtggg 240  
 agcggcggag gaaatggaca taaaccggg tgtgaaaagc cagggaaatga agcccgcggg 300  
 agcggngaag ctgggattca gggcttcaga ggacagggag tttccagcaa catgagggaa 360  
 ataagcaaag agggcaatcg cctccttgga ggctctggag acaattatcg 410

<210> 38  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)  
 <223> n = A,T,C or G

<400> 38



ggaatgtgga	cacacatatc	agaactttca	tgcttacttt	ctcaggatgc	ttgtgatctc	60
aaagttagga	caggagtga	tttcaaaggc	caaatggaaa	attagcaaca	atcccatctt	120
aagggttat	aaagagtatc	agaatcattc	ttgggggttg	gccggncatg	atgggtcatg	180
cctgtaatcc	tggcacttcg	gaaggccaag	gaggggtggg	cacctgatgg	caggagtgtg	240
agaccagtct	gggcaacatg	gttataccct	gtgtctactt	gccaacccta	aatttactta	300
gcgataaagg	gggggtccct	tttag				325

<210> 39  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 39						
cgttgctgtc	ggaaccaatg	gatgtcagta	ggagtttctg	ttaaagtgtc	ccttgatggg	60
gactcagtac	tgtgtagaga	cgctgtgttt	ctcttctggg	ggtgtgcac	agaaccactg	120
gggcctttta	aatctacag	atgccggccg	ggcggcgtgg	ctcacgcctg	gaatcccagc	180
acttggggag	gctgaggcgg	gcggatcaca	agcgcaggaa	attgagacca	tccttgccaa	240
tatggtgaaa	ccccatctct	acaaaaata	caaaaattac	cggggtgtgg	tggcgtgcac	300
acctcccagc	tacttgggag	gctgaggcag	gagaatcgct	tgaaccggg	aggcaaagat	360
tgcagtgagc	cgagatcacg	ccactgcact	ccagcctg			398

<210> 40  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 40						
agacagtgtt	ccaccatgtt	ggccaggctg	gtctggaact	cctgacctca	agtgatctgc	60
ccacctcaac	ctcccaaagt	gctgggatta	caggcatgag	ctgtgacacc	catcgtgtct	120
aatttttgac	agataaaatg	atttcatgat	ccaacatttc	cttaccagtg	agggattcaa	180
taaaatacca	attctcagag	ggcctttaca	cttctttttt	ttttttttct	aaagaagatt	240
gtttattacc	cacgagataa	ttttgaaaag	ccatcatttt	ttttctgctt	gtgacccgaa	300
aaaacgtcca	gtgttctcgc	gatttctttc	atctctttt			339

<210> 41  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 41						
cgctaggaaa	tgctgccctc	acactcgagt	cagctcatct	gctccgggct	gtgtctgtct	60
ggcaaaactag	acaagggcaa	gcgatcccac	acctctcaca	cagaacttct	agaaaagatg	120
ggcctctcca	ggtgcgggtg	ctcacactgg	taatcccagc	atttcagggg	gccgaggcag	180
gtggatcatg	tgaggtcagg	acttcaagac	cagcctgacc	aacatgggtga	aatcccatct	240
ctactaaaaa	tacaaaaata	aataaaataa	ataaaaaata	gccgggcgca	gtggctcacg	300
cctgtaatcc	cagcactttg	ggaggctgag	gcagggtgat	cacaagggtca		350

<210> 42  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

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<400> 42
ttgggaggcc gagggcgggtg gattatttga ggtcagtcgt tcgagaccag cctggccaac      60
atggtgaaac cccgtctcta ctaaaaatac aaagattagc tgggtgtggt gacgtgcctg      120
taatcccagc tactcgggag gctgaggctg gagaatcgct tgaacccatg agctgagatc      180
acaccactgc gcttcagcct gggccacaga gcgagactcc gtctcatcaa aaaaaattat      240
atgacccctg tctataaatg ataagagtga gagagaaagc acccagggtt tcaaatgcct      300
tatgcctgct gggactaact ttgcccatat attgtgctaa atactttcca ttaagtctcc      360

<210> 43
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 43
gattacaggc gtgcaccacc atgcccagct agtttttcta tttttaatag agatgagggt      60
tcaccttggt ggccaggctg gtctcgactc ctgacctcag gtgatccact caccttggcc      120
tcccaaagtg ctgggattac aggtgtgagc cactgcgccc ggctactac atacatttct      180
aannnnnnna nnnnnnnnnn nnnnaaaaag gggggccggt ttttccttaa acccaaactt      240
gaaaaaaccc tttggggggg tggcccccct cccctctaaa tggcggggaa aaaagggttt      300
ttttgggaaa attggggcgg ctatgcgttt tttgggcccc cttagagccg gca          353

<210> 44
<211> 331
<212> DNA
<213> Homo sapiens

<400> 44
gagaatcgct tgaacccggg aggtggaggt tgcaatgagc caagatcgca ctactgcact      60
ccagcctcgg tgacacagct acactccgtc tcccctactc gccaaaaaca aaaacaaaaa      120
aaaagagtgc agagaactgg aggtggcggg aaaagcgctt ggattctcct ttgacatgct      180
cttccctggc aagatgggat cccttgaaa attttaagtg gaaaagtgc acgatttatg      240
gctgagtgcg gcagctcacg ccgtaattc cagcactttg ggaagctgag gcaggcactt      300
tgggaggctt taggtcagga gttcaagacc a          331

<210> 45
<211> 348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 45
attactgata tgggggggtat ggtctagtcg ctgtgctgag catttcatat aactgggctt      60
tttctatcct cacagcatag cctttgagat aggtatgtgg aactattccc attttacaga      120
taaggatcct gaggcttaga gagttcaagt gacctacca agggcacatc actgataaag      180
ggcagaggtg ggattcaaac ccacatctgt caggtgcaag tgcaaggctc cttctcctca      240
tgctcactgc ctgctgggga atagggtact ggggacatac cccaggggag ccttccccat      300
gttctgagtc ccagntcatc ccatgctgct attttgctct cccaggag          348

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<210> 46  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 46  
 gattacaggt gtgagccatc ggccttgcc cctgcaactt atctttctat atttctcatt 60  
 tttcacatga aaagggttgg ctattgtatc tgattttatg gaagctgtgc tctgtatttg 120  
 tgggttctga aattgtgctt atgatatgac tcattactga ttgtttcaca tcttagagat 180  
 gaggttagac tgaaatgtgg accggaagcc tatttttgtg tttcaattta aaaaataaag 240  
 ccaggcgcag tggctcacgc ctgtaatccc agcacttttg gaggccaagg caggcggatc 300  
 atgaggtcag gagattgaga ccatcctggc taacatggtg aaaccccgcc tatactn 357

<210> 47  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 47  
 tcttgcctca gcctcctgag tagctgggac tgtaggcgcc caccacctcg ccccgctaatt 60  
 tttttgtatt tttagtagag acagggtttc accgtgttag ccaggatggt ctgatctcc 120  
 tgacctcgtg atccgcccgc ctccacctcc caaagtgtcg ggattacagg cgtgagctgc 180  
 cgcgcccagc cataaaactt ctacgaactt ctagcagaag taaggggaata gtttctaatt 240  
 cctgagaaag tattatgatg acagatccta tattctttat tcactagtat atacttagtg 300  
 tacacataat aagtaggtgt tcaagaattt ttttttttcc ttgagatgga gcg 353

<210> 48  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 48  
 gtagagatgg ggtctcgtca tgtcgcccag gctggtcttg agctcctggc ctcaagcgat 60  
 cctcctgcct tggcctccca aagtgtctgg attacaggca tgagccacaa gcgccggcct 120  
 ctctcttctt attgggatac cagtctcttg agactcgaaa ctgtgcccc ggcttggcc 180  
 atactgataa atatctaggg cctacaggag ttcgtgtcca tgaaccagc acacgcaatt 240  
 cctcagcctt aaaatctagt cactgactca tttcaggccc cagcacagac gaaaacaagc 300  
 cattctgttt gccagatta cattgcgggt ctccaagaag tggaatgttc accaat 356

<210> 49  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 49  
 gaggggagct aaaaggaat ggaggggaga ccagcaggag ctctgtctgc ccgattctgg 60  
 tttgggctgt gagacagtca ttgcattttt ttgcacagtt ctggccacac agtatttaag 120  
 aggctttgcc tacagacctg agtgactgtg tgaatggtgg cactggtgca tacggggagc 180  
 cctgaggagg aacagatttg agacttgcc acctaggact ccctgtggga ttgccagtat 240  
 caccctctt cgtcattaat tcccagcttg cctgggggag gccagggggg agcatggggg 300  
 tcgggttccc ctatggttca aacaccaacc catctgctct gg 342

<210> 50  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(305)  
 <223> n = A,T,C or G

<400> 50  
 gcaattgggc atagaacctt ccaactgagc agcgaaggta tcaggatgca gtgtataatt 60  
 taagacatca aataaagctg acaagcaaag acaataatgg agacttgggg ttaaattagc 120  
 tgactggagt cagaaacact gggatctgca tacaagtaa acattaaaca ttgggatgca 180  
 gtccaggcat ggtggctcga ccctgtaatc ccagcacttt ggaaggccga ggtgggtgga 240  
 tcatttgacg tcaggagtgc aagaccagcc tggccaacac ggtgaaaccc catctctact 300  
 aaaa 305

<210> 51  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 51  
 gttataggcc ttttgctttt cttagcatat ggggggaggt ggaattacta tcgtagtcac 60  
 aaatgaccaa aacaggactt cccaatatct atttatttta gcccggtgc cgcggtctt 120  
 gccg 124

<210> 52  
 <211> 218  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(218)  
 <223> n = A,T,C or G

<400> 52  
 gcaccaatgt gaagaaccac aaacattggg tctgggagaa ggcttctgag gtggcttcca 60  
 cagtccatgc aagggacaca gagaagaaca aggtcacag caagtaggat ggcattggtaa 120  
 aaaacaaaaa gaagaaaata aaaaangggg gccccgaaaa aaaaaaaaaa ggggtccggt 180  
 tggaaaaaaa aaacaaaggg gtccggttgc aaaaaaaa 218

<210> 53  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 53  
 agtcagggg aatggaatgg aatggaatga aatggaatgg aatcttccgg aatggaatgg 60  
 aatggaatgg aatggaatgg aatggaatgg aatgcaatgg attcaactcg attgcaatgg 120  
 aatggaatag aatggaatgg aatggaatgg aatggaatta accagaatag aatggaatgt 180  
 aatggaatgg aacggaacgg aacggagcgg aacggaatgt aatggaatgg aatggaaagg 240  
 aatgcaatcc acgtctattg catttctttt gtatgggaat ggccactaac ccctgttcgg 300  
 aatggatatg gtaatggatt cggaaccgga gggggaacac ccaccccgta ttgattatat 360  
 gatagttaat ttg 373

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<210> 54
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 54
cgttgctgtc ggggagattg agaccacggg gaaaccccggt ctctactaaa aatacaaaaa      60
attagccagg catggtggcg ggcgcctgta gtcccagcta ctcanagagg ctgaggcagg      120
agaatggcat gaacctggga ggtggagctt gcagtgagcc gagatcgcg cactgcattc      180
cagcctgggc gacagggaga ctctgtctca aaaaaaaaaa aaagggttaa ataaataaaa      240
cccggggggt taaagggaac ctttaacctt tgggtttttc gggaaaccca tcagggggag      300
gggggggttg ctttgtggga ggatgggccc caggtttcct aaaggcctgg aaataatttt      360
ttagggataa aggcttccat caagagactt ttggg                                     395

<210> 55
<211> 303
<212> DNA
<213> Homo sapiens

<400> 55
cccaggttca agtgattctc ctgcctcagc cttccaagta gctgggatta cagggtgtgca      60
ccaccacgcc tggctaattc catgcctggc tctcttactg taaatgagaa taagaaagaa      120
tatactctgc tcaaagtctt agtataatag catgtctcaa aatagaaaat tgggcagagt      180
gttcataggg tttcagagac tcagctggat gttaaaatca cccagggtct aggctgggtg      240
caatggctca tgcctgtaat cccagcactt tgggaggccg aggcgggtgg atcacaaggg      300
cag                                                                                   303

<210> 56
<211> 236
<212> DNA
<213> Homo sapiens

<400> 56
cgggatgcta gatgactcca tcagccaata tgtagcatt atctagaggc cttatgtgaa      60
gtcctagtgg tcttttccag ttctatgact ttaaaccatac aggtgaatca gagcttcagg      120
aaggcctaga ccaacagcta ttactgaagc tcccatttgt gcttaggact atgcatagag      180
aaactctcct ttgggacttg gttaggggcc aaagccctaa ggtcaaaaca ctaatt          236

<210> 57
<211> 317
<212> DNA
<213> Homo sapiens

<400> 57
gggtatgcat cccattcccc tctccccaga ctggacgctc ttaaagggca acatttatac      60
ctcatttagc cttgtattcc ctgcacaggg taagcattag gtaactgctt gctgaattac      120
ttactttgga ttagagaaga gcgaagatat agcacataaa agttactgaa cagtacagtg      180
tcaaactcag atcttagata aaatgggtgt gtaacactgc tgtgctaata agtccattct      240
gacccaaagt caagaacagg agaatatgct tgtccatagg tatgctcagg aacttctcag      300
ggagtaaacc aatcagc                                     317

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<210> 58  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 58  
 gattacaggc gtgcaccacc atgccagct agtttttgta tttttaatag agatgaggtt 60  
 tcaccttggt ggccaggctg gtctcgactc ctgaccttag gtgatccact caccttggcc 120  
 tcccaaagtg ctgggattac aggggtgagc cactgcgccc ggcctactac atacatttct 180  
 aatgaaaaga aaaaaaaaaat taattaagag gggggggcttt ttttctggag acccgcatgg 240  
 gaaaaaagct tttggggggg ttggcccacc cccatttaaa tcgggggggaa aaaatggctt 300  
 ttttgggaaa tttgg 315

<210> 59  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 59  
 ggcacgaggg gagtcccaag accctttcag ggaggatctg tgagggtcaac tgttggcact 60  
 gtggcatgaa tcaaggtggt ggcagcaaac ttctagtagt tttgatatgt cttgataga 120  
 acaaatagca atgggttaact attaaatgtt gacctagcca gcgcagtggc tcatgectgt 180  
 aatcccagca ctttgggagg ctgaggcggg cggatcacct gaggtcggga gttcgaggcc 240  
 agcctgacca acatggagaa acccgccttc ttctaaaaat acaaaattag ctgggcatgg 300  
 tgggtgcatgc ctgtaattcc agctactcgg gaggtcgagg caagagaatc gcttgaatcc 360  
 ggtaggtgga ggttgcatg agccgagatc ataccattgc actccagccc aggcana 416

<210> 60  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<400> 60  
 atccacccgc ctcagcctcc caaagtgcgt ggattacagg cttgagccac tgcgcctggc 60  
 cgccacaggc ccactcttaa aaagataatg cataatataa gattttgctt ttcttttctt 120  
 ttgtttcttt ctgctctgac aggtaacttt gattgtcatt gacagtttta agaattcagt 180  
 accaaccact gaaagggat gaatatcctt gcttaaagaa agttaaaaag accaggtgta 240  
 gtggctcacg cctgtaatct cagt 264

<210> 61  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<400> 61  
 gttgctgtcg acatgatgta ataagaattc atttctgaca tattttacat ttctggcaat 60  
 ctcaactctt atttggaata cttctgtgca tttgtctgtc caccgtaatt ttagaaaagc 120  
 atatccataa cgtttacagt tgtagtacag ttgtggttag ttattttag tagggattgaa 180  
 agtaattttt ttctttttat atttctatat ttagtgtgtt ttttgttgt tgttgctttt 240  
 tgagatggag tctcgctttg ttgcccagac tggagggcag tggcgcgac tcggctcact 300  
 gcaacctctg cctcccgggt tcaagcagtt ctgcctcagc ctcccaagta gctgtgacta 360  
 aaggtgcacg ccgccaatgcc cagctaattt tttgtatttt agtagag 407

<210> 62  
 <211> 157  
 <212> DNA  
 <213> Homo sapiens

<400> 62  
 ggtgctgctg cagatcaggg atcgcgattg cgaatcctcc gctgaggtga tttggatatc 60  
 cctagaacgt tgagggcacg agtcgggtcc tgagaccagg tcctcagcca gcagagccac 120  
 gttccttatg agcaccgtgg gtttatttca ttttcct 157

<210> 63  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 63  
 cgttgctgtc ggcagtttgc agctgcggcg gggtcgggtc caccgcgggt ccccggaatg 60  
 ccggacggct gatcccggtt gctggtcact cgccgattcg gggctgggaa ggtttgccag 120  
 aagcgggaaa gatgggagat ctgagcgctc tcttggcatc gccacacca ggacttgctc 180  
 gtgccgcaat tccccacgga aacaaccgag ttgaaacgag aagcttgctc tctgggtgca 240  
 gtagctagaa ggcttcaggt aactccaaag ccaacactgg gtgaggcaac acacgccgcc 300  
 tcaggactca gcatttcttt caggctgcgt tttcgtggca gacctacca gattgatgga 360  
 gaaagtttgg ctggcggata agaagtaacg cggaagatgt attattgtg 409

<210> 64  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(320)  
 <223> n = A,T,C or G

<400> 64  
 cggctctttac cttgttgac aataacccat aaaggtggga agtggagctt gtatcagtgt 60  
 gactacgtca ggcccaggta tcaggggggc caaggtgggc tgctccccac agagggcata 120  
 tttctctaata tgcaaatagg tatgctacag gccagtagga aaccattcat ctctggtttc 180  
 ccagtctagc cctggcacgc tgttgaccct cagttaatga tacctcgtgt gtgtgtgtgt 240  
 gtgtgtgtgt gtgtgtgtgt gtgtgtgnnt atttattttt tttgggtttt tttgatttga 300  
 tgagggagtg ggttttggag 320

<210> 65  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 65  
 gacggggctt caccatgttg gtcagtctgg tctcgaactc ctgacctcgt gatccaccgc 60  
 cctcggccta agaaagtgtt gggattacag gcgtgagcca ccggccgctg atggatttct 120  
 ttcctgaggg cagattttca cgccagaagc ccgcacaatt atacctgagc tggttccacc 180  
 taagctcaat cctccttccc tgccccaaag ggggtgaaaa atctgggccc aggaggtctt 240  
 ccttgctgtc tggggggagg catttaaggg tccaaggaag acgtgacg 288

<210> 66  
 <211> 221

<212> DNA  
<213> Homo sapiens

<400> 66  
caatgtttcc catgaaggaa tcgagggtccc aagagtagtt caggtaagga attaataagc 60  
atcacaggag gcatgtccag gctggcttgt cccagggccc tctgccttca gccaccattc 120  
tcagaagatc caaaaatgcc aaggggaaaag aagccggatg ctttttcacc ttaagtgaag 180  
agtcagaatt ggaattaccc tttctgaagg cctgctttgc a 221

<210> 67  
<211> 202  
<212> DNA  
<213> Homo sapiens

<400> 67  
ttggatcggg ctgcgataag acgacaggag gggattgtgg gtgagattct ctcccaggcc 60  
acaagacatt tctgtctcgg aaccttgttt actaatttcc actgctttta aggccctgca 120  
ctgaaaatgc aagctcaggc gccgggtggtc gttgtgaccc atcctggagt cgggtcccgtt 180  
ccggcccccc agaactccat ct 202

<210> 68  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 68  
cggagggtcg gtattgattg atatattggaa atgtaggcac aggtttccag gaacccacat 60  
ctttatatcc cctaagagca tgcgattcac aattcacaga tacagtgttt gaggcgagtt 120  
tatagaacat aactattgga tataccatga cctaaaggca ttcctttcta aatggaaatc 180  
gaaacacaga gcctgacaat ttaaggcaca ctaaattccc ctttcttgta ctttataagt 240  
aacgacggat gaggaatta tatacagtgt aaaacggggg ttggcattgg gctaccactg 300  
ctaattgggt catgacttgt gtgg 324

<210> 69  
<211> 270  
<212> DNA  
<213> Homo sapiens

<400> 69  
aattcaatct atctgcttga tttgggacat ccagtgtctt tgctctgcga cattggagct 60  
ccttggttctt aagcctttta actcaggcag ggattttcac tatcagatct cctacttctt 120  
gtttttggac cttggtactc agactggagc ttataccatt ggctttcttg cttcccaggcc 180  
ttcaggcttg aactagaact atactgcttg cttccctggg cctccagttt gcagatggca 240  
atattatagaa cttctcagcc ttcataatca 270

<210> 70  
<211> 314  
<212> DNA  
<213> Homo sapiens

<400> 70  
gtcgtacggg ttatacttca ccggacgact cctctcccc actcctttgt gagtctggtc 60  
tcttgccagt ttcttaccct gactggagct aagcagataa ctggtgggta ttccaagata 120  
gcatctgagt ggagccactt caggactaga gggatgcgtc ctggatcttt ggtctgtctc 180  
atgccttgca ccaagcttga ggggtgacgta tcatgacctt gctggagtga ttgaacttga 240  
tctattgaga cgccattcag gatccctaga aacaagcacg gtagactgct actgtgaggc 300  
aggtgtttca acgt 314



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<210> 71
<211> 291
<212> DNA
<213> Homo sapiens

<400> 71
cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag      60
aggttgcaagt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta      120
tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggtctttgat gctgcacttt      180
cctcttctga aacatcaagt gcttttaaag agggatggtg ctgactgcct ggttctgagg      240
catgaacgac actggttagt gagagcaaga tggtagacag gagttcaaat t                291

<210> 72
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 72
ggattacaag cgtgagccac catgcctggc caatttttgt attttttagta gagacggggg      60
tcatcatgt tggccaggat ggtctcaatc tcttgacctc gtgattcacc caccttggcc      120
cccaaagtg ctggaattac aggtgtgagc cactgcaccc ggcccttntt tttttttttt      180
tttttttttg gaaaaggggg gcctcattgg ggtcccccacg atatcccaaa acccgggggg      240
aaaagaacac cctttatttg ggcccccagg ggggggaaat tgtggagggg ggccccacgc      300
ccttctcggt ag                312

<210> 73
<211> 391
<212> DNA
<213> Homo sapiens

<400> 73
ggcaccagca aagaggaaac agacagtttg attgcatgtc ctcagtgcaa tgctgaatac      60
ctaatagttt ttccaaaatt ggggtccagtg gtttacgtct tggatcttgc agatagactg      120
atctcaaaag cctgtccatt tgctgcagca ggaataatga tcggctctat ctattggaca      180
gctgtgactt atggagcagc gacagtgatg caagctgtac gtcataaaga acgactggat      240
gttatggaca gagctgatcc tttattcctt ttaattggac ttctactat tctgtcatg      300
ctgatattag gcaagatgat tcgctgggag gactatgtgc ttatactgtg gcgcaaatac      360
tcgaataaac taccaatttt aaatagtata t                391

<210> 74
<211> 275
<212> DNA
<213> Homo sapiens

<400> 74
ggcccgccct catggcgag gtttacctat gtgactaacc tgtgcgttct gctcatgccc      60
gccatctttt tgaaagaaaa aaacataagg gaggtggggg ggcccttttt ctggaattgt      120
cccagcgaac atacctctgg gggggttttg tcacaccccc cttttttttg tttttccac      180
cgtttttttt ttgaaaatag gggaacaagt tttggggggg ggctcccttt tgggcccgcc      240
ttgcgggggt cccttttctc ctgggtgtcc gctcg                275

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<210> 75  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 75  
 atgttggcca ggctgacctc gtgatccacc cacctcggcc tcccgaattg ctgggattac 60  
 aggtgtgagc caccgcgccc agactaagtc ccatctttat gtccgcttgg ctgttccacg 120  
 gccacctgga ggggaggttag gtccagcgat gtgggaccct aggatttcag ggtagaaaat 180  
 ttgccgcact acagttacaa aattattcca aggtttatgt tcctcggggg attgctatac 240  
 tcacctgtta tgactgggtg gcaagttttg tttttttcta ataattaagg ggtgataatt 300  
 tttttcttaa gcataggggg cg 322

<210> 76  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 76  
 gagagagagg agaattgagga aggacaggcc agaaggtgct catggatccc acagtgtagg 60  
 gcctggaggc ctctgttaaag ccatgaaggg tgggtgacca caacagtgca tgctctcaaa 120  
 agaccactct gctggttaga tggtagtcaa gagacaggtc accatgaccg tgagagaaatg 180  
 gagaagtcca gatgtatttg aagaaagctc agatctgcaa atgaaccgag gccgtgcacg 240  
 gaggctcacg cctataatct taacactttg ggaggccgaa gcaggaggat cacttgagggt 300  
 cacgaatttg agaccagcc 319

<210> 77  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 77  
 caatggcatg atgtcggctc accacaacct ctacctcccg ggttcaagtg attctcttgc 60  
 ctgagcctcc cgaacaactg ggattacagg catgcgtcac cacaccggc taattttgta 120  
 tttttagtag aaatggagtt tctccatggt ggtcaggctg gtctcaaaact cccgaactca 180  
 ggtgatcccc ctgcctcaac ctcccaaagt gctgggatta cagggtgtgag ccatggcgcc 240  
 cagccccctt ggattctttc tataagcaaa ttgtgccttg gacatatgct ttgaatgctt 300  
 tgagagaacc tctcttcata agtggaata aaatcatgat ttaattgtat cacacgcatt 360  
 atggataatc tatggg 376

<210> 78  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 78  
 tacggctgcc agaagacaac agaaggggta tcttcatcat aggcacaagc ccacagatgt 60  
 ggaacagtaa agttcacatt ctctttatat agtacaaata ctcttcatta atatagcagg 120  
 cccataaaga tagtggcaat tgggcaatat atgctttact ttagggccat tgatagatct 180  
 ctttaaataga atagtatttt ctaccaaaca ccaaagacag aaacaaaact cgtcaggctg 240  
 agttgagctc ataccttgaa ttgctcctct gtgttcttcc ttatcaatgg agatcctcgt 300  
 aagttgagag attctgtcag gaggtatttc atgtgggaat cccctgggct actgggtcac 360  
 agcagtaact cagcga 376

<210> 79  
 <211> 339  
 <212> DNA

<213> Homo sapiens

<400> 79

cccagctact	caggaggctg	aggcaggaga	gtggcgtgaa	cgcgaggaggc	agagcttgca	60
gtgagccaag	attgcgccac	tgcactccag	cctgggcgac	agagcaagac	tccatctcaa	120
aaaaaaaaaa	aaaaaaaaacc	ccctttaaaa	aattttcaaaa	acccatggga	ggcttttata	180
agggcgggcc	cctgaaaaaa	aaaaatttgg	ggcgctgaag	gtggggcttt	tgaaacaccc	240
caagccaaaa	aaatttttaa	aaggggtttt	tttaaaaaag	aaaaaggccc	ggccccgggg	300
tttttggctt	gtatcccccc	ctttggaggg	gccggggggg			339

<210> 80

<211> 366

<212> DNA

<213> Homo sapiens

<400> 80

gaaatctcgc	agagcctgat	ggtatttggg	tagcatatac	ccaccagagg	aacaggcttt	60
tatctagcat	accacaggtc	tcccctttag	cacatctgtg	ctcattttga	aactgtatag	120
ggaaggacat	tagatggctg	ggagaactct	gaaggacaga	cctggatctc	ctgccatctt	180
ccaaagggtga	aacaacaaaa	atccgccagg	ctttcagtca	gaagcccggg	agggccactc	240
ccaaggaaca	gaggcaagag	cagaagtaga	tggagtctta	ctgaaactga	aacccagctc	300
aattccta	agggtgaaga	tatgagtacc	tcaatgcagt	ctgcttatca	gaaaggcata	360
tcatat						366

<210> 81

<211> 347

<212> DNA

<213> Homo sapiens

<400> 81

aatgattagc	acagagaata	cgtttgggtct	caaattattcc	cacccaaaata	tacctccatg	60
gcaatcgggg	aaagggagag	ggtggtaaat	gtcaacccat	gagaaaggaa	gggtctggag	120
gcacaaatca	aaggggacct	aagtaggcag	gaagtatcac	tgaaaacctt	caaaatcttg	180
cattatacga	cagcattaat	ttggccattt	aaaatgtaaa	aatgggccag	gcgcagtgc	240
tcacgcctgt	aatcccagca	ctttgggagg	gtgaggtggg	cagatcaact	gaggtcagga	300
gttcgagacc	agcctggccg	acatggtgaa	actccatctc	tactaat		347

<210> 82

<211> 167

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 82

ggagaattat	ttnaaaataa	aaaaaaaaata	ggggggggcg	gttttttctg	aaaccccaac	60
ctggaaaaaa	cccttggggg	ggtggggcca	ccccccctt	gaagggcggg	gaaaaaaggg	120
cttttttttg	aaaattgggg	ggcttttggg	tttttttgaa	cccttag		167

<210> 83

<211> 303

<212> DNA

<213> Homo sapiens

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<400> 83
cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag      60
aggttgcaat gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta      120
tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggactttgat gctgcacttt      180
cctcttctga aacatcaagg gcttttaaag agggatggtg ctgactgcct ggttctgagg      240
catgaacgac actggtagggt gagagcaaga tggtagacag gagttcaaat ttgggtccac      300
cat                                                                    303

<210> 84
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 84
tgatatcanc ctgcgactgc aagattctta ctgcagtaca gaactctttt tctcccttgc      60
actttttttt gacctggcat ctttttatag ggaaaaacgg ctttgtcgg cagtggcaaa      120
cttgcaagga aagctgccga ctctttggca ggctgataca gagcctgcac tctggcan      178

<210> 85
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 85
actgcgcgcg gcctagctgg aaactttcct gccaggtata tcagtcatat ttctcagcct      60
cactagcagc aggatgtggc catgtttctg gctaattggga tgtaaacgga tatgttcagt      120
gggacttcct agaagcttcc ttaaagggaa gcagacaggc cagaggaggt gcctcatgac      180
tagaatccca gcactttggg aggctgagct gggaggatca cttgaggcca ggagtttgag      240
accagcctgg gcaacatagt aagacaccat ctttcaaaaa tataaatttt ttcttttttt      300
ttttttgaaa aaaagnttgg ttttgcctcc cagcttgaaa ggcagggggc caatttaacc      360
taattggggg ccccccttcc g                                                                    381

<210> 86
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 86
cgttgctgtc ggaagaattc gcgccgcagg aaacnacctt tttttttttt tcttttttgt      60
tttttttttt tttttttttt tttttttttt tttttttttt cttccccccc cccggggggt      120
ctctcttttg gaaaaaaaca acggggagggg ggggggggaaa aacccccccc cccgggctat      180
caaaaagggt gaacctttct ccggccgccg ggggggggaaa aaaacccccccc gggggcccca      240

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agaaaccccc cccccacctt ttttgcgccg ggggttttcaa aaaaaaaaaa aaaaaaccgg      300
gggccgcccc cccccttaca taaaaacggg ggggggtgct cttcacaaca ggccccccac      360
gcgccgaggt gccacaaaaa actccccccc      390

<210> 87
<211> 361
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 87
ccttcacccg aggaatgtcc ccaaggcagg aggggagaca tgcctgccat caatggcatt      60
ctctgcgggg catggactct gggggctcta aggggcttct gttagggggg catgcccctg      120
gagaagttag ggcagcttat ggaagccccg gagctccagc ctcacctggc caagggggacc      180
ccacctctta cagagcangg cccagnctcc ctcattctcc aaactacaga gggggaggag      240
caggggaatga gagcactgaa ccaatgagga cagggtgagg gggctggggg aacctgcctt      300
ccaactgggg gacataaggc aagcttcgca ccattctctg agtcaatcct gaatggaacc      360
C

<210> 88
<211> 303
<212> DNA
<213> Homo sapiens

<400> 88
gggctcagaa tggcatgaac ctgggaggca gagcttccag tgatctgaga tcgtgccact      60
gcactccatc ctgggtgaca gagcgagact ccccatatta aaaggggtggg aaaaaaaggc      120
gggtgttggt gaacccgggg gccccacttt ttttaacccc ccggatgagg ggggcaatac      180
ccttttttaa cccgccagga actttttttt tttgtccaat cttggggggg ttgttgtttt      240
ttttaccgca atcaagctcg gaaccagggg cttccacacc ctgggtgcctt ttttatgagg      300
gcg      303

<210> 89
<211> 356
<212> DNA
<213> Homo sapiens

<400> 89
gtagatggga gtacaggcac acaccaccac gcctgactaa tttttgtaga gacagggttt      60
tgccatggtg tccaggctga tcttgaactc ctgatctcag gtgatctgcc cgcctcggct      120
tccgaaagtg ctgggattac aggcattgag caccatgccc ggccgatgtc tgcattttca      180
taggtgacca ctgaggctaa aaagcatcac tattccaaat cactattcca aaggcattaa      240
ctcctgatgg tgacatctca ggcacttaga cacttgtaat ttattcatca aacatgcctg      300
agacagataa cattttgcta ggtgctcagt ctgcaacgat gtattgaact tagtcc      356

<210> 90
<211> 335
<212> DNA
<213> Homo sapiens

<400> 90
gtgccaaagg ggagagactg gattttgacg acagtaggag caccttatgt agtacagaga      60
agaaggcaga gtatgtggat acagatgctg tgtggtgggt ggatgtgggt gcggaattt      120

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gcccatgttt tattatcagg gtttacattt tttcactccc gcatgaagct tgagtggtag      180
gacaggggag gaaatgttga ggatttgtgg ggagattttt gaaacaacca tcatatatga      240
tggtatgaaa gagattgcc aaggacctag tgagaggtgg gataaaagcg cttttgttgg      300
ggacccgcag ggggggtgga tattatggtg gaagg                                     335

<210> 91
<211> 388
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

<400> 91
attcatggtt ctccatggca tctctggtct tcaacattat tttgcatagg gtctcagaag      60
cttagtgtga gcgatgata tgggcacgaa gcaaggcacc cagaagtggg ggcaactact      120
ctgctttcta aaatgcaagg gaaccggaaa atccaggagc cgtgccaaag tgagtgagta      180
ttttcttggg ccaccaaagg ggtctgaact ggtgtggctt gagctcagtt tttgtggttc      240
agatagattt gaaaactcac ttctcccat taagcactgg aaggaattag tcacccttct      300
ttgtggaagt ggagagattc tccgagagct actcaacagg ctcccttgaa aggtttctcag      360
gaccagcact gtgctgagtg tgtgtggn                                     388

<210> 92
<211> 348
<212> DNA
<213> Homo sapiens

<400> 92
aggtttagcc ccaccaggca tctggttggg gggccgaggt gaggactatt gcatgcttct      60
gtggtctgag ttccctcaga gtactaaaat ggatttgtgt gtatgcaagg ggaagagagt      120
taggtgggtg cggacagaag cagtcttaac tagaaataca ctactaggg ttttctctct      180
ttttttttta aaactgtcat gccggggcag ggggctcgtg cctgtaatcc cagcactttg      240
ggaggccgag ggggggggat cacttgaagg ttagaagttc aaaaccagcc tggcctcctt      300
gataaaacac cattttttct aaaaaaacg aaaattatgt gggcgctt                                     348

<210> 93
<211> 343
<212> DNA
<213> Homo sapiens

<400> 93
agcctggcca acgtagtga accccatctc tactaaaaac acagaattag ccaggcttgg      60
tggtgcgcac ctgtaatccc agctactggg gaggctgagg caagagaatc acttgaacct      120
aggaggcaga ggttgcaagt agcctagatc gtgccactgc actccagcct gggctggaca      180
gagcaagact ccactctctg aaaataaaaat aaaataaaaat aaaacagaaa aacagaatag      240
aagaagatag ctaagaacca cagtgggtcaa gccagcctgg cttcaacaga gatgaatgga      300
gagaccacgg tcagcccat taacagaaga actggggcca gga                                     343

<210> 94
<211> 355
<212> DNA
<213> Homo sapiens

<400> 94
gcagacacct gatagccagg caggcaacgc ctgctagagt ttctggacca gtgggtccac      60

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ttctgtgtga	actcagctgg	tgggttcagc	cacctgttgt	cctgggaagc	acctggacag	120
tagggcatgc	atctctaccc	aaacctgcc	ctggtagcca	tgaaagccat	gcctgcttag	180
agctgcaagc	ccagcagtc	tgcttctgcc	tgaactctga	aggcaggcac	aaccccatgt	240
ttccctggga	agtacatgga	cagcagatta	cggccaaccc	agcaaggata	aggcttgtct	300
gacaactgca	acccccgccc	aacttcatga	gagaggtcaa	catttaaatt	cagaa	355

<210> 95  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 95						
ggcacgagcc	gacacccgga	agcctagttg	cctggagggt	ctgagcgttc	tgttcggacc	60
tcctaccgtt	actctttcat	tcaactcaaga	aatgatttct	tgagttcccg	gcctttgtca	120
gagagatgaa	cgaggcacgg	tccgtgtcca	gctaaaggac	agtatgactg	gaagagcgtt	180
gttttccaag	gtacaggatg	ccgcgcctcc	tatgagccga	agggacggga	ggccgcgtat	240
aggaggggac	cgtccccgag	cctcgccgag	cctgcggtgt	agacacctct	gggtggttagc	300
cggtgacgat	ctggtgaccg	cgcattgtcg	gttccaagga	ccgttcttac	cagaaaaatat	360
ctggctgtcg	cgaatacatc	ttgctggggc	cgcgccgtac	cg		402

<210> 96  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 96						
cgttgctgtc	gcaaagcatg	gttgctgagt	accagaggtt	gcgaggaggt	ttttaactga	60
tttagccagg	tggcaatcat	gagtgaatgg	atgaagaaag	gccccttaga	atggcaagat	120
tacatttaca	aagagggtccg	agtgacagcc	agtgagaaga	atgagtataa	aggatgggtt	180
ttaactacag	accaggtctc	tgccaatatt	gtccttgtga	acttccttga	agatggcagc	240
atgtctgtga	ccggaattat	gggacatgct	gtgcagactg	ttgaaactat	gaatgaaggg	300
gaccatagag	tgagggagaa	gctgatgcat	ttgttcacgt	ctggagactg	caaagcatac	360
agcccagagg	agtctgaaga	gagaaagaac	ag			392

<210> 97  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 97						
cgttgctgtc	gctgggtctca	ggcgggtctcc	gctcaacgat	ccttcctcaa	agcatgggtg	60
ctgagtaccc	agagttgcga	ggagtttttt	aactgattta	gccagggtggc	aatcatgagt	120
gaatggatga	agaaaggccc	cttagaatgg	caagattaca	tttaciaaaga	ggtccgagtg	180
acagccagtg	agaagaatga	gtataaaagga	tgggttttaa	ctacagaccc	agtctctgcc	240
aatattgtcc	ttgtgaactt	ccttgaagat	ggcagcatgt	ctgtgaccgg	aattatggga	300
catgctgtgc	agactgttga	aactatgaat	gaaggggacc	atagagttag	ggagaagctg	360
atgcatttgt	tcacgtct					378

<210> 98  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 98						
ggcacgaggg	agacagatgg	ttttgaactt	cagaaaacca	ctcattgttg	cttcccctaa	60
gatgttactc	aggctcccgg	cagccgtgtc	aactcttcaa	gaaatggcac	caggaacaac	120
atttaaccgg	gtcattgggtg	attcatctgt	ggatccaaaa	aagggttaaga	ccctcggtgt	180

ctgctccggc	aaacatttct	actccctggg	gaaacaaaga	gaatctctgg	gggccaagaa	240
gcatgacttt	gccatcatcc	gagtagagga	actctgcccc	ttcccgttgg	attctttaca	300
gcaagagatg	agcaaataca	aacattgtta	aagatcatat	ttggagtcag	gaggaacctc	360
agaacatggg	gtccgtgggc	gtttgtttct	ccaaggattg			400

<210> 99  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 99						
cgttgctgtc	ggataaatcc	gcgtgctaag	gaggtgacac	tggtattgtt	tgtcctggcc	60
attatgtggt	acatggcact	ttatccattg	ctgactccat	tgagttggaa	ggatatggcc	120
taccagatga	cattgtgata	gaaaagaggg	gcaaaggcga	cacttttgtg	gactgcaactg	180
gtgctgatat	taaaatctca	ggcataaaat	ttgatcagca	tgatgctgta	gagggaaatct	240
taattgatca	ccgtggtaag	actacgctgg	aaaactgtgt	gctgcagcgt	gagacgaccg	300
gagacacagc	gcggacatca	gcagagtttc	taatgaagaa	ctcggattta	tatggagcgc	360
aggggtgctgg	tatttaaaaa	taacttgagg	gtcaatgcgc	gcg		403

<210> 100  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 100						
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ggggagtggt	aacctgagcc	gcggctctat	cgttcaaaga	gtttaaaaag	cattaatggt	120
catggcgatc	tactacgaaa	aagccatcct	ccaaaagtca	gggagcgcca	ttttctgaa	180
agcacttcta	ttgacaatgc	cctgaggcga	ctgacccttg	ggaatgaatt	ctctgtcaac	240
aatgggtaca	tgcgaagatt	caaactcttt	tctgaactcc	cctcctgcga	tggaaatgaa	300
agttgggctt	atcgcaacgg	gaacaaaaca	ggacccaggt	ccgcgataac	tatattcaga	360
cctaacgact	attgggaatc	ttggaaaaac				390

<210> 101  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<400> 101						
agtgggattt	gatggaaatg	tgaaccattt	ttcctctttt	ctggctccag	gttctacctc	60
ttcctgcagg	aagtccacac	aagctgggat	gagggggagg	caagacaaaa	gggcagggca	120
agtttgacac	aattaacacc	tcgatcatgc	ctccaaatgc	agagggcttt	tcaggggaagg	180
agaatcaaaa	tgtacgggag	aaaaatgaca	ggagacgaca	ggcacgggtg	ctcacgcctg	240
taatcccagc	actttgggag					260

<210> 102  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(333)  
 <223> n = A,T,C or G

<400> 102						
ttttacgaat	ttcatctaaa	gtgtgtctgg	tatatctatg	catatgattc	attttccatg	60



ttaccatgca	cgctgactct	tattgaaata	gaccgctggg	aggcagcatg	atggagtgaa	120
aatagcatgc	acgttcaaat	ctgaaagata	tgggtgcaga	cacctactat	tctgtgccat	180
ttggagaaaag	tcatccacct	cctgtatagg	acttttcttg	gctttaaaat	gaatagatgt	240
cttgaggata	ttactggctc	caattaaatc	aaaatttttg	caaaaaggtc	tgacactggc	300
cgggcgcgga	ggctcacgcc	tgtaatccca	gcn			333

<210> 103  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(459)  
 <223> n = A,T,C or G

<400> 103						
tgacggcctt	ntgcagatcc	cctcgactcg	aagtcgggtg	ctgtcggggc	aattctgctc	60
aactgcttgg	tgaggctcga	gttcagccta	atccatcaga	acatgagtct	cttgcâtggc	120
tcaggactgt	ccactccgta	caccagagga	ctttgtgttt	ccattgcttc	ccaatgaaga	180
attgagagag	aaatacaggc	gctacctctt	cagggactat	gtggagagtc	attaccagct	240
ccagctgtgc	cctgggtgcag	actgccccat	ggttattcgg	gtacaggagc	ctatagctcg	300
ccgagtacag	tgcaatcggg	gcaacgaggt	cttctgtttc	aagtgtcgtc	agatgtatca	360
cgcacccaca	gactgtgccca	caatccggaa	atggctcacg	aagtgtgcag	acgactctga	420
aacagccaac	tacattagtg	ctcacactan	agactgtcc			459

<210> 104  
 <211> 435  
 <212> DNA  
 <213> Homo sapiens

<400> 104						
tctcaataga	cacttttata	tagcagatgc	ctttatgagc	atgcctgctc	tttcggggcga	60
agcgggtctac	gcttgcgaga	aaacttatga	aggagaccct	gctgtgtttt	tctgttgctc	120
ctcagtaact	aaattttgct	tcagatttct	gcttttctac	catggggagc	aagacaaggc	180
tttgctttga	ctgaatccca	acctggaaaa	agccattatc	tccagcctca	acactgccac	240
aagggggcat	aactgaatca	gaggatatac	tctatctgag	acaaggatgc	aaagggatgc	300
cttccgggtac	tactaactca	attcagttca	ttcatcatca	gcatacatgt	aattcatata	360
tagcacaact	gctcaggtac	ggaaaataat	gctgacaagt	tgggggtttt	tttttttttt	420
tttgaagaga	aaacg					435

<210> 105  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 105						
ttttgcagga	tcccactcga	ttcaattccg	tggctgtcgg	cctgattaac	tgccacggtc	60
acgaggagtc	taaggacaca	tccaatttcc	attggcatgc	aaaatggaat	ccgagacaga	120
aagaggacct	tanccttcat	atctggtttt	ttcttatgaa	gcttcttctg	gttggaaact	180
tggcaaattt	catcaggtaa	gaagtgctaa	agtgaacctg	taaactttgt	ttcaaaaaac	240
aaaaaccgaa	gtttaagaaa	tctaaagatg	gtgtcagcct	tagacagatc	tctggactgt	300

aatctgtgggaa aggtcaaata agatctccaa tctgtgtacaa ttccaaatac atttgagagc	360
agtgggtctg aaaatgtggt tcccagacca gcagcatcaa caccatgaag gaagttgtta	420
aaaatgcaaa ttct	434

<210> 106  
 <211> 214  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(214)  
 <223> n = A,T,C or G

<400> 106	
aaactctgtt ttaggataag tcaactaatat agagatagct agttcaattg tgtctggctt	60
cctatcacat cactagcact tagtacagaa ttgggggtcct aanaatattt ggcaatgatg	120
acctgtgttg ctttcaagaa agtattccaa gtgatagggt ccaccataat ccatattgct	180
ttaactcttg tacaagtga caaatttttc tatt	214

<210> 107  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(243)  
 <223> n = A,T,C or G

<400> 107	
gctttcccg ggcgtgatcc ctgagtgtg agcgcggaacc cgaggagatg aaccctttaa	60
ctaagggtgaa gctgatcaac gagctgaatg aacgagaggt ccagcttggn gtagecgcat	120
aaagggtgtc ggcactccga gtacaaagac agcgcttga tctttctggg agggcttgct	180
tatgaactga ctgaagggga catcatctgt gtgttctcac aatatgggga gattggtaac	240
att	243

<210> 108  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(426)  
 <223> n = A,T,C or G

<400> 108	
atattctaatt tccgaagctg gnggggggggc aaaacaggtc attccatggt tgaaagggaag	60
ttgatgaagg agcctgggaa agcgggggaat tattcacaga gagaaacgac agcagcgtaa	120
acgtgataag gtgctgactg attctgggttc attggattca actatccctg ggatagaaaa	180
taccatcaca gttaccaccg agcaacttac aaccgcatca tttcctgttg gttccaagaa	240
aaatagaggt gattctcatc taaatgttca agttagcaac tttaaatctg gaaaaggaga	300
ttctacactt caggtttctt caggattgaa tgaaaacctc actgtcaatg gaggaggctg	360
gaatgaaaag tctgtaaaac tctcctcaca gatcagtgca ggtgaggaga agaggactcc	420
gttcac	426

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<210> 109
<211> 124
<212> DNA
<213> Homo sapiens

<400> 109
atctgcctcc cctgtctgta aggagcagcg ggaacggagc ttcggagcct cctcattgaa      60
ggtaggtggg ctgccggtc tgggctgtgg ggcccttggt ccacgctctt gaggaagccc      120
atgc                                                                    124

<210> 110
<211> 364
<212> DNA
<213> Homo sapiens

<400> 110
gagcagactg aacaaatgat gtgagaatct cttcagttcc aaccaagtgg cggaaccag      60
ctaagagttg ggtactgctg aggaaaattg atgggcagtt ggtaaaatag gtgtgaatga      120
gagaaagctt tggtagggaa ccatgggtggg tatgtgggca cgttctacat tactacaagt      180
attgggaatt tcccaggggg acagcaaaat cttgtcttat ttatgtttta ttttaaaaaa      240
ttccactgg gtgcagaggg tcacgcctgt aatcccatca ctttgggagg ctgatgcagg      300
cagatcacga ggtcaggaga tcgagacat cctggctaac acggtgaaac cccgtctgta      360
ctaa                                                                    364

<210> 111
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (421)
<223> n = A,T,C or G

<400> 111
cggtgctgtc ggcctgataa actgccacgg ccacgaggag tctaaggaca catccaattt      60
ccatgcgcat ccaaaatgga atccgagaca gaaagaggac cttagccttc atatctgttt      120
ttttcttat aagcttcttc tgggtggaaa cttgtcaaat ttcacaggt aagaagtgtc      180
aaagtgaacc tgtaaacttt gtttcaaaaa acaaaaaccg aagtttaaga aatctaaaga      240
tgggtgcagc cttagacaga tctctggact gtaatctggg aaaggtaaaa taagatctcc      300
aatcgtgtac aattccaaat acatttgaga gcagtgggtc tgaaaatgtg gttcccagac      360
cagcagcatc aacaccatga aggaagttgt taaaaatgca aattctcagg ctctcccctg      420
n                                                                    421

<210> 112
<211> 424
<212> DNA
<213> Homo sapiens

<400> 112
tttttgcgta tccactcga ttcaattccg ttgggggtcgg tggtgccaaa agccaaggtc      60
atttgcacat attccatcaa cctgtcaaga atggggcctg agtttataac ccaaggcatg      120
gaagtgcacg cattctcta gctgggcaaa caattatact gtagttgtga tacaacacat      180
gtggctttta tttgtactgc acatatccac tgtacagcca cttgggagta tcgtgggttag      240
cttgagcaa ctgctgtctg catttatact gtttattgca tattcttttc cctggaagtg      300
aaagagaaat gtttttcttg ttgcattgat tacattttat aaatttgctt agctggaaag      360
tttgggaaaa gaggcctgtt tgtcaattgt acaaccgatt gtgaagctct agtgtgaata      420

```

tttt

424

<210> 113

<211> 414

<212> DNA

<213> Homo sapiens

<400> 113

cgttgctgctc	gaaaaatata	aaaattagct	gggcgtggtg	gcacatgcct	gtaattccag	60
ctacttgga	ggcgaagcag	aagaattggt	cgagcccagg	aggtggaggt	tgcaatgagc	120
caagatcgtg	ctactgcact	ccagcctggg	tgacagagcc	agactgtttc	aaaaaaaaaa	180
aaaaaaggta	aaaaaccttt	tttttttatt	ttttaaggg	gaaaagaaac	ctttttttta	240
cctttcattt	tcctttcgga	aaaattcatt	taacaaaaag	ggggcccaa	atggcccaa	300
ccttttaaac	cctttcaatt	tgggcaaggt	ttttaaaaac	caaaaaaaaa	gggaattggc	360
cctccaaaaa	aaaaataaaa	taccccaaaa	aggggggcat	ggtttaaata	attc	414

<210> 114

<211> 415

<212> DNA

<213> Homo sapiens

<400> 114

cgttgctgctc	ggaagaattc	gcggccgcgc	gacagcaacg	gtttcaagat	tcacctcctc	60
tcaccaaata	tttaactacc	tgctgaatac	gcctctgtac	taggcacata	atggaactaa	120
aaaatgctca	tgtccagttt	ttgtgttgag	tgaacaatgc	tgacagacct	aataagattg	180
ggtacagatc	ggcatgcgcc	tgtagtccca	gctactcagg	agaattgctt	gaacctagga	240
ggtggaggtt	gcagtgcgcc	gagatcgtgc	cactgcactc	cagtctgggc	aacagagcga	300
gactccatct	cagaaaaaaa	gaaaaaaaaga	ctgggtacag	atgtgatatt	ggaagaaaaa	360
gatcaagctg	atgaggttag	gataccccagg	ccctttggac	ttaaagatca	ctagt	415

<210> 115

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 115

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cggaaccag	60
ctaagagttg	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tggtggggaa	ccatggtggg	tatgtgggca	cgttctacat	tactacaagt	180
attgggaatt	tcccagggga	acagcaaaat	cttgtcttat	ttatgtttta	ttttaaaaaa	240
ttcccaactg	gtgcagtggc	tcacgcctgt	aatcccagca	ctttgggagg	ctgaggcagg	300
cagatcacga	ggtcaggaga	tcgagaccat	cctggctaac	acggtgaaac	cccgtctgta	360
n						361

<210> 116

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

```

<223> n = A,T,C or G

<400> 116
gggtaacctg gagacattca gaaaatatct gtggaactcc tgcattttgt gaggcactgc      60
ccacggcatt ggagagagag atgcctttgt ggtggctcta aaagagttca cagtctggcc      120
aggagacatt gtacaaacag actataaatg gctgtgcttc ttttttttct aaagaatgtt      180
cagcggggagc acttggggacc tacctgtgag agctgaggaa ggcttcacag aagaggtcct      240
gcttaagagg aaacatttgg ggccagggtgc agaggctaatt tttttgtatt ttctcttag      300
cagagatgcg gtcnctcgct ttttccggac cattttcaac ccttcactna aagggtgctc      360
ctggagaggg atctttttgt gccgtg      386

<210> 117
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 117
agtgcagtga tacaatcatg attcactgca gcctcaacct cctaggttca aactatcctc      60
taacctcagc ctcttgagga gctgagacta cagggtatgta ccactatgcc tggctgtttt      120
tttaattttt tgtagagatg ggtctcact atgttgctta agctgttctt gaacacctgg      180
gctcaagtga tcctcctacc ttggcctcct aaagngctgg aattacaggc atgagccctt      240
gtgcccaggg tctggaattc tttagagaaa tccttcactc gtcttaatag aaaaccatgc      300
cttattaggt tactcacctt tatatcaaaa ttttctctgg gtgggtgcag acgctatatc      360
tttggaaca agaagtcctt tataaa      386

<210> 118
<211> 385
<212> DNA
<213> Homo sapiens

<400> 118
gggactcttg cttaaaggcca gccatggact tacacttaca aagcatcacc ttatcaaagg      60
tggaggaaga tcaacttgat atcaagggtg accagatttc agggaaatagg gattctcact      120
aaactgactc ccagaggtct cttttagcaa ggcactcatg ccaagcgcag tggctcatgc      180
ctgtaatccc aacacttttg gaggctaagg cagggtggatc gtctgaggtc tggagttcga      240
gaccggcctg gacaacatag tgaaccccag tctctactaa taaaaaaaaa aaatgggccc      300
tcacattggc tcaggcctat aatcccaaca ctttgggagg ccgaggtggg tggatcacct      360
gagggcaaaa gtttgagacc cgccc      385

<210> 119
<211> 386
<212> DNA
<213> Homo sapiens

<400> 119
tattaataat gctaaacact taccagcttt gtaactttag ctatctatca ccattgagtt      60
gtttcctaata ctataaaatg gtggaatcc ctcatcagac tgtggaactg atgaaataat      120
atggcatatg taaacatttg gttcaagacc tgctacattg gatgaggaat gtcaacagta      180
aagtaaaatt ttgatctttg agtgtgtagt gagcttgta tgtcactttc tgtggattct      240
atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgcagtgg      300
ctcacaccta taacccagc actttgggag gctgaggcag gcagatggct tgagcccagg      360
agttcaagac caacctggga aacatg      386

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<210> 120  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 120  
 tattttactac ctgggtcattt ataaagaaca gaaattgatt tttcacagtt ctgcaggctg 60  
 gaaatccaag atgaagtcac ctgtagttca gtgtctgcgt ctaagagagt actttgttgc 120  
 tgcacccgcc agaggggaaga aatactgtat cttctcatga aggaaggaac cgaagggtggg 180  
 aatagggacc aaactccctc tttcaagcct ttttgtagt acattaattc atttatgagg 240  
 atgccaccat catgacataa tcatttccca aaggatttca cctcctccca ctgttgccatt 300  
 ggggattaat tttccaacac atgaattttg agggacacat tcacaccata tgcactggta 360  
 tatagtaact aggtggcccg atg 383

<210> 121  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 121  
 ctgttgccca ggctggagtg cagtgggtgca atctcggtc actgcaagct ctgcttccca 60  
 ggttcacgcc atttctcctgg ctcagcctcc caagtagctg ggactacagg caccgcgccac 120  
 agtgccctggc taatttttttg tatttttagt agagacaggg tttcaccatg tgagccagga 180  
 tggctcctaat ctccctgacct tgtgaaccac ccgtctcggtc ctcccaaagt gctgggatta 240  
 caggtgtgag ccaccacgcc tggcccatga accaagtgtt ttttaaggaaa caaaactatt 300  
 tttttaatca tcagattttat actagctata tggatattag catatctggt aattatgaat 360  
 ctagaatttt ttacatatt tttataatac tggtagctca ggtattggag 410

<210> 122  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)  
 <223> n = A,T,C or G

<400> 122  
 cgttgctgtc gaaaggacaa aaccctgact ccagtgagt ctgaggccaa agctgaaaac 60  
 agaacccaag aagcttaatt cctgacctca gttccaatca aacagcacga attgtgggtg 120  
 acctccagct gtgtctcagat ggggggacac aatattggca gtacctctt ccttgccctc 180  
 caggctgagt gccagtgtgg gagcgtgctc atgagagccc tgcacaagcg ggttttgagc 240  
 acatgctacg ctctagcccc gtggaagcct ggactagtta gaggcagaga acagctcagg 300  
 acagacacct ccctgcagag ccaaacagag tgcagcgcct gcctcgctgg gccatcctga 360  
 gagctggggc cttcccagga aagagggagc tcggngggca ccaccccatc 410

<210> 123  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 123  
 tacggctgcg tgaattatac agaaggggtgc aatgttttgg agggggagaa gtatttcaca 60  
 cacataagta tgattttccc caaccagacc acaagctctt caagggttaac aacaccctag 120  
 cccaaccccc tccccctcag acaattcttc tgctctccta gagcagactt tgatctagat 180  
 tggatctaaa ttgactcgaa atgtcaggaa gaagagatta atgcacatgg tccctttctc 240  
 tgagagaagg agtgatagag caaagcttaa gcctgggagg gagatgaagc tgcccagcac 300  
 tctcttcacc ccgtctgggg ctctgaaggg ggacaggtgg aacactagag acagctggct 360  
 gcctgggtccc gagctccatg tgaacagcct cctcccaaat ctctcttgg atctgn 416

<210> 124  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 124  
 cgtctgtcca tctgtcgctc ctgccagcac aggggggatgg tcctggctct aggggctgca 60  
 gaacacagca aggcccagag gccagaggct gcaggcgggc ctgaggggtga acttcccccc 120  
 gagaaagagt ctctggaaga gaatgaatgg ccagcaggt agtgagaact ctgtcactag 180  
 ggtatataag cggggatgga cacaggaag gacatttctg catcagtggg gggcccccat 240  
 cagttaagag agcctgtgac tctgtcgagg gaccatgggg ggtggcacca gagcccaggg 300  
 cacctgaggg cctgtctgga tgcagctgct agtggtcata ggacagcaaa cactattcat 360  
 tggattctga cttaggcagg ta 382

<210> 125  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 125  
 tgatccaccc gcctcagcct cccaaagtgc tgggactata gacatgagcc accaaacttg 60  
 gctagaaatt ttctcttttt tcccttagac ggagtccttg tctgtcacc aggctggagt 120  
 gcagtggcgg aatctcgact cactggaatc tatgactccc aagatcaaga gattttccta 180  
 cctaagactc acgagcaact gggattacag acgcctgaca gcatcgctg gctaaagatt 240  
 atattaatgg tcgagatgag ggaatatact gaaggttacg ccggcgacaa gactacttaa 300  
 tggggcgagg gggagaatac gacttaaacy gtcccgttg gacaagacga ggaaaagcct 360  
 ctatttgcca gaacaaaaga at 382

<210> 126  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<400> 126  
 caataaccat gtggagaagc tgtgacattt ttaatttaca acctttctgg ggctcagaca 60  
 taaagttacc tatccaagg tgcagttggg tagtggtggg accaggatgg acaactcatt 120  
 ggccctgcct caaaagccat acctcttctc ctgctatgca gaatctgttt ctctgaatc 180  
 tctgtgatgc tgggtgggaat tgtttgcata gaggaaggac aataaccctg ccatcgtag 240  
 ttaatgtccg ggctgggtcac agtggttcat gcctgtaatc ccagcacttt gggagtccaa 300  
 ggcaggcata tcatttgagg tcaggagttt aagaccagcc tggctaakat agtgagacct 360  
 tgtttctact aaaaatacaa aaataagcca ggtgtggtgg tgcatgactg t 411

<210> 127  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

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<400> 127
cgttgctgtc ggaaaactac aaagcagcag ttaacagatc aaggaaatgg taaatgtata      60
gactttatga ataatatcca tgttgaaaac gaatcttttg ataactttct aaaagaaaca      120
aacaaagaga acttgctcga tatcttaaca gaacctgaga ggaagccaga tcctaaatta      180
tataccagaa gtaagccaaa gactgactct tataatcaaa ccaagaacag tttagttcct      240
aaacaagcct tgggcaaaaag ttcagttaat agtgctgttc tgaaagatag ggtaataaaa      300
caatttggtg gagaaacaca aagcaggact ttcccagtaa aatcacagca actctctaga      360
ggagcagatc ttgcaagacc aggagtaaaa ccctcaagga cggttccctc tc              412

<210> 128
<211> 373
<212> DNA
<213> Homo sapiens

<400> 128
aaagcatcaa aaccttttct ttaatcccaa agttactaaa gtgatttaat acatttgata      60
ataccataat actgccatta tctttaatct ctctccaact tcttgccata aatcattttc      120
tcagagtggg cctcaattta gggtagaatt gctagttaca tagatgatgt caattgggaa      180
atacaaaaaa attagccggg cgtgggtggca ggtacctcta gtcccagcta ctcgggaggc      240
tgaagcagga gaatggcgtg aacctgggag gccgagcttg cagtgaactg agatcgcgcc      300
attgcactcc agcctgggca acagagcgag actcccgctc caaaatagat acctgatttc      360
tttttgactt caa              373

<210> 129
<211> 401
<212> DNA
<213> Homo sapiens

<400> 129
cgttgctgtc gccagcaccg tggcatgtta atagttgttg aaagatctct gaataaggga      60
gtgtgggttg ctctctcaat tgcaatacca atgggaccac cacggtttta tctgggttaac      120
agcttcacag atccagaatt ttatgtaatt tgtctgtgta tccagaattg atcatattcc      180
ggagtctgac tcatggtaac ccagctgtca gtagactgat gcgtaagcca ggtgcaaatt      240
tgtttacttt actattgaag tagataccct tccaatgact gaaatcccat atttaggata      300
ccccattcct gctatggaaa tacttaggag actaaattgt gaatcaaagt ttgtgactgt      360
gaggccgagt gcagtggctc acacctgtaa tcccagcact t              401

<210> 130
<211> 374
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

<400> 130
gcactccagc ctgggcaaca agagcgaaac tccatctcaa aaaaaaagaa aaatgaacaa      60
taaaataatg gtgggctgtt cgggtgaggg tagtgggtac tctggggctc tgccagagag      120
taaggactga gacctcttt caacatctga gtctctcttc atgaattgcc ctcagaaggg      180
tggccagggc cgggcgcggt ggctcacacc tgtaatccca acactaggag gccgaggtgg      240
gcggatcaca atgtcaggag atcgagacca tcctggctaa catggtgaaa ctcntgtttc      300
actannaata caaaaaatag gccaggcgca gtggctcacg cctgtaatcc agcacttttg      360
gaggnccgag cggg              374

<210> 131

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<211> 239  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(239)  
 <223> n = A,T,C or G

<400> 131  
 ctttataaaa tgtctccatc tttataaccc aagacatctc tctataatcc aaagtttcat 60  
 tctcctttga aatctcaaca tatatatattt cagaaggaaa ctacttgtag gtgggtctgtc 120  
 actattatct gtcataattt aacttctaga cttgttgata agttcagatt ccaagtttta 180  
 gtacgattta ctaaaaaaaaa acctagcatg cagaaacaaa aatattttct ctacagctn 239

<210> 132  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 132  
 gttggacaag attttatgta gtctatgcag ccacttggtg ataaagaaag cagcaaaagt 60  
 ggtagtcagc aatttgggcc aactatctta cttttctgct ctcttccaac agctctgcta 120  
 gatgcaagtg acagaaaatt aatgaactct tgcaggaatt ctatcccaac ctctggaatt 180  
 caagaatgtc ctctattttg gctagttaga attgtagagag tcattctcca tggaaaatga 240  
 cttgattcat agttattcta ttattaagaa aacaatggct ggctgggtgc ggtgggtcac 300  
 gcctgtaatc ccagcacttt gggaggcaga ggtgggcgga tcacgaggtc aggagatcga 360  
 gaccatcctg gn 372

<210> 133  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 133  
 gccttctggt actttgtgtc ccattagtag ctgcctctat gccttaccat tttgagcaga 60  
 tccttgagtg ggatgatacg tgcaaaactg tgctttaggc agtttggtgt tataggcacc 120  
 tgctctctac tctgtttgct ctcaacttag taggtggagc agcaattttc cttttttggt 180  
 atatggaata ttctggtaac ttttttgcaa ctttaagaaa tttcaagcca ggtgcagtgg 240  
 ctcacatctg taatcccagc actttgggag gccgaggcag gtggatcacc tgaggtcagg 300  
 agttcaagac cagcctggcc aacatgggtg aaccccatcc ctactaaata caaaaaaaaaat 360  
 tagctgggagc tgggtggcaca ttctgtaat cccagctac 399

<210> 134  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

<400> 134  
 tccctgaagt catggactgt gccagtcttg tccactcctg tgtccccagg tctgtgcaca 60  
 aggctgggca tgtggttagat ttaaagtggg ttcgttattg cgcacacagc tgttcactcc 120  
 tgattttcca gtacctcttc tgtgtcagga gctcttttat gttaaagcttg agatcacagg 180

aacccgctgg ttaacagggt tgtatccc

208

<210> 135

<211> 372

<212> DNA

<213> Homo sapiens

<400> 135

actgtacacc	agtgggttctc	ttcaccaact	ataatgccta	attttcccgt	taatttccta	60
cttctgggta	ctgtaaacia	agtaaatecc	tcattcccta	cagctgggcc	acaaaaccca	120
ggatagaccc	ttgtaatctc	tgtgatccct	ggatgttcac	atgagctctt	gactgatgcc	180
cacttctctg	atgttgggtca	acattttacc	tggatccctt	ggaaggaagg	gaaacaaaaa	240
ggatcagcaa	tatgaacctc	ttaatttgag	taaatgctaa	tcaaacccta	taacaggccg	300
ggcatgggtg	ttcacgcctg	taatcccaac	actttgtgag	gctgaggtgg	gtggatcacc	360
cgagggtcagg	ag					372

<210> 136

<211> 371

<212> DNA

<213> Homo sapiens

<400> 136

ggattgtgccc	tgcactgaat	aaaaacaagc	agctccaact	tctcagggct	gctctctggc	60
cactagagcc	aggcagtcac	ctagctgctg	ttatgctgca	tacctgtctc	tgagtactcg	120
cttcattccat	cggccagggt	ctgtgggaca	gaccaggcag	gtgggtgccc	atgtgaggaa	180
cgctgcaatg	gattgcaagg	gaacccctga	aaacaaatgt	gaagcgactg	agcattgtta	240
tccttataac	accaggacct	aatgagctat	agcgccctcg	atggtattct	ttcgtctcca	300
cactttgaat	gctttttgtc	ccctcccccc	atcaaaaacc	aggggggtggg	gtctctcacc	360
agctcgcccc	g					371

<210> 137

<211> 402

<212> DNA

<213> Homo sapiens

<400> 137

ggcacgagaa	aaagagagat	aattctctaaa	attttgtgag	ttttctgata	cttaactgtc	60
aaaatacagc	agatatctca	agtttccctca	gttgtaaaat	ggacttattg	aaacttgcag	120
agttttttcta	caaattttaa	atatctttatg	tgtacagaaa	gggaaaaata	gtaacattac	180
cagggagaaa	cccagtaaac	atcacttttag	gcaagtgtac	aaagttgaca	tcacctgtaa	240
taaaacctat	caatatcatg	tgcccccaaa	tatggtttga	ggaggtagcc	atgtcacatc	300
tgtgacagtc	ttcccctaaa	tccataacct	cagtctaate	atgtgaaaaa	tatcagagaa	360
accacacattt	agggtcattc	tacaaaaacc	tgacgagtac	tt		402

<210> 138

<211> 405

<212> DNA

<213> Homo sapiens

<400> 138

cgttgctgtc	gcaaaactttg	ggttttattta	taacgaaaca	caggagaagg	tttcagcagt	60
tgccccgagc	tgttttgtgc	gtaatgaagt	ggctctttga	ttaaggagct	ctatttctta	120
tttaactgat	atcccactgc	cccactccac	agaataggaa	aatgaacaaa	tctttctctc	180
tgacttggtt	acatcatttc	acggaaacac	atctttgttt	gcaatgcagt	attctttctc	240
tgtgctcgac	agagatgggg	aggggcacac	gaacttaaga	ggctctagaa	caaacgctat	300
gctgattatg	acttggttcc	acttctcgca	cagtgtcagt	cttaagtgtc	taccacacct	360
aaaggtaaaa	ccccctcct	tttagcctaa	ggggaggggg	ggacg		405

<210> 139  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = A,T,C or G

<400> 139  
 ggcacgagga accttgctac aggtagaagg gatgttaaag acttggtttc cacaaatagc 60  
 tgcccagaag tcatcattgg gtggtggcaa gcatcagctg accaagcatt ttccaagcca 120  
 ccacagtgat tcagctgctt cctctcctgc atctcctatg gaaaagatgg accagacaca 180  
 gctaggacat ctagctttta aaccaaagca gccttggcac ctcacacaat ggccagctat 240  
 gaacctcacc tggatccaca ccactccaat ttgcaacccc cctctcagct cccaggtac 300  
 tatctccttt agccatgggc ctttaggcac tggaaaccggc attggcgctca ttcttttcct 360  
 ccagcatgga gtgcaacctc tcaccactc tgcctccan 398

<210> 140  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 140  
 ggcacgaggt tgactgcaga gtgaaacatc cttgcaaact cttcccacct ctttcacgac 60  
 actgagttgc catgtgaggt tcttcaagtc tgagagtggg agggatccct atggagactc 120  
 ctattaaacc cctattagag gaagagattg agagacctag caatgtgaag taacaaagat 180  
 caggcagctg caagtgactc ctgaatcttg agtccagggc tttcgccact acagtacagt 240  
 ggttttcttt tctttgggtc gggagagtgg gctggaatgg agagtgaggc ccacaaatta 300  
 cctgcagaga cgtggaggcg tgagggagaa catgcttggt aaatatgcag gtagattagg 360  
 agacaccaaa cagagattca gacacagtaa ggctgggatg ag 402

<210> 141  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = A,T,C or G

<400> 141  
 cgttgctgtc ggtaagctaa caaacaatcg aggcacatac acacacacac atatatatat 60  
 tttttccttc aatgcaatga atattttatt gagcatctta tgtgggcaag gcactctatt 120  
 tgtgaaaaat tcaaaagatc apctgccctt aggaatcctc tggtaactg tacgagaaga 180  
 aggaaggggg caaggtgaga caagtaagca aataattatg gacttgactt ctgggcagaa 240  
 gctatcacag ctacatttgt taattgctca gttaagtgc ctttgaaatg ttctatagcc 300  
 atgtctccat taagaatatg aaatacggcc gggcgcggtg gctcacgcct gtaatcccag 360  
 cactttggga ccccgaggga ggtggatcat ttgaggtcn 399

<210> 142  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 142  
cagagtttgc agtgagctga gatcgacca ctgcactcca gcctgggcaa cagagcgaga 60  
cgtcgcaaaa ttaaaaaaac caaaaaaaa aggggggggg cctttttctt ttttttcccc 120  
aacttgga aaatcttttt tgtgtggggc ccccccccc ctggaggggg ggggaaaaaa 180  
cccctttttt ggaaaatttt gggccctttt ttttttggg ggaccatta aatcccccaa 240  
aaaaaaagta aaacaccccc ttgggttttt tttttatttc cgggccgggg gggggggggg 300  
gggggttgtt tccaccc 317

<210> 143  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 143  
gccgttgctg tcggcctgta atcccattta cttgggagggc tgaggcagga gaatcgcttg 60  
agccccggag ggggaggttg cagtgaagctg acatcgctgc actgcactct agtctgggtg 120  
acagagcaag actccatctc aaaaaaaaaa aaaaaaaat tttggaaacc taggggttta 180  
aaaaaaaaaca aaaacatttt tcatatttggg ggggtggaacc ccaaaaaaa accccattt 240  
aaagccaccc tttttttaag ggggaagggtc ccaaaaaaa ggtggggccc cgcccttga 300  
ccggataaaa ctcccaaaag ccccccaaa aaacatcccc ttgggggggg ggacttaacc 360  
cgggggggtt tgggggagaa tgggtaagcc ccaaagggg gcctaa 406

<210> 144  
<211> 398  
<212> DNA  
<213> Homo sapiens

<400> 144  
cgttgctgtc gggccccagg tggggagatg actccaggag gggacctgcc aaggacctgg 60  
gcagccagcc acgtgttctg tgccctgcca ctgccagctc caaactcaca gtgtcatggt 120  
ggtgggttgt tgggaaaacg tcctctgctc atacttctga catcagttgt gtgggtattt 180  
tcacaccaa caattcttca acttctggaa acgaattggg tatccaagga ttccattcag 240  
cattgaacag aattgccagt gctgacacta caggagttag tacagacccc acagattaag 300  
ggctcagtc cataagactg cccccacttc agatgccagt cacaacttcc aggggctgcc 360  
catacttctg ttccctcagc gcctctgcag atgtgagc 398

<210> 145  
<211> 402  
<212> DNA  
<213> Homo sapiens

<400> 145  
ggcacgagca cagtatgaac tactgctgat gtctctgttg gggatcagag ggctggcggg 60  
aacgcgagaa gggcaccagc agcattccac acccagctct tcctcacctt cctgtctagt 120  
ttgaatttct tttttttctt tttctttttt ttttttttaa attaaaaagg aaaaaggggg 180  
ggtggggaaa aaacctaaac caaaaaagg gcataagggc taaaaccacc ccagaaagg 240  
ggcccttgtt tgggggaaca agggctttgt taacccccct tgttttgggt ttgcacaagg 300  
tgggccctgc ttaattttca ggggcctatg cccattttt ggccctgggg ggctcggggc 360  
taaggtcca cagggtgaa agtcccctgc caggttttag gg 402

<210> 146  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 146

ggcacgagcc	ccaccctgct	gccttatttg	taccagggc	tttgacacaa	accagtgct	60
ttgcttatgg	gtgctcgctg	gggtccgggtg	gagactgacc	accctgcttg	agccaaagac	120
aaggtgatga	gagatgggga	gaggccattg	gctcccagag	ggaacagcgc	tggctgtggc	180
tagagaacag	caggctctgtg	cagtgtctga	gggcagggtg	ggaagggtag	cagagagaga	240
gagacagaaa	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gactctcaga	300
gtggaatggg	ggggacgcat	ctagacacat	tggctagtca	cgcataagg	agggagaagt	360
acaggggata	ttataatggg	tttccccggg	ggagccttag	gaatcg		406

<210> 147  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 147						
gccggctctg	ccttttaact	gcttttcact	ggtctgaggt	gtatctgtat	aaatgggagt	60
cataggggtg	ttgagattaa	aaacaaaaat	actcgcttg	aaaaacacag	tgtggggcct	120
acactaaatg	tcccagaaat	gtccttcctt	tgtctccttc	cactgggggg	gtctatatca	180
tgagcccagt	ggtatggtat	acccagggcc	accctcctgt	cttctgctt	gtccaccag	240
agccggcttc	ttccatggca	ggacctgcaa	atgctggact	cacagaaggc	tctgagaagt	300
aaataacagg	tgaggctggg	ggtgccttct	tatttcttgg	ngttgtcccc	agtctgttaa	360
gagacagtct	aa					372

<210> 148  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 148						
acccatcgat	tgaattccg	ctgctgtcga	ggaaatggta	aatgtatata	ctttatgaat	60
aatatccatg	ttgaaaacga	atctttggat	aactttctaa	aagaaacaaa	caaagagaac	120
ttgctcgata	tcttaacaga	acctgagagg	aagccagatc	ctaaattata	taccagaagt	180
aagccaaaga	ctgactctta	taatcaaacc	aagaacagtt	tagttcctaa	acaagccttg	240
ggcaaaaagt	cagttaatag	tgctgttctg	aaagataggg	ttaataaaca	atttggtgga	300
gaaacacaaa	gcaggacttt	cccagtataa	tcacagcaac	tctctagagg	agcagatctt	360
gcaagaccat	gagtaaaacc	ctcaaggacg	gttcccttcc	g		401

<210> 149  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 149						
ggcacgagga	gccatgagag	cagctcgctc	ccttgagaga	agaactgtaa	cagaactgat	60
attacagcac	cagaaccctc	agcagttgtc	tgccaatcta	tgggccgctg	tcagggtctg	120
aggatgccag	tttttagggc	cagctatgca	agaagaggcc	ttgaagctgg	tggtactggc	180
attagaagat	ggttctgccc	tctcaaggaa	agttctggta	ctttttgttg	tgcagagact	240
agaaccaaga	tttctcagg	catcaaaaac	aagtattggt	catgttgtgc	aactactgta	300
tcgagcttct	tgttttaagg	ttaccaaaaag	agatgaagac	tcttccctaa	tgcagctgaa	360
ggaggaattt	cggagttatg	aagcattacg	caaagaag			398

<210> 150  
 <211> 368

<212> DNA  
<213> Homo sapiens

<400> 150  
ccaggctggt cttgaactcc tgacctcagg ttatctgccc accttggcct cccaaagtgc 60  
tgggattaca ggtgtgagcc actgcaccca gcctccttta ctgttcttta atttttaaaa 120  
tgtactggag ttttctcttc catgtaaatt ttagaatcag ctttaagttgt attaaaaata 180  
cctcattggg attttgtttg ggattacatt ttaattgtag atttaaactt tcctatgtaa 240  
ccaacgtaat gtgggcccctg ttttgggtgt ttttatacct tgaagcgatt atagcttaat 300  
ctttccggcc cgtcactgtg gggtactctc tgtattggca attatatatt tttttctaatt 360  
gaaaaaag 368

<210> 151  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 151  
atactgaagg taatagggca ggctgggtcc atcagggctg agaggcctgc tgaagatcct 60  
tccacaagag ctgttccttg agtctgtgta gacagttgga aattaaagtg agagaggaga 120  
aggaataatg aaggaggctg ccatttataa atgtcttgcc tgaaaactag gccgggagcg 180  
gtggctcacg cctgtaatcc caacattttg ggaggccgag gcgggcggat cacttgaggt 240  
caggagtcca gaccagcctg gccaacatgg cgaaaccccg tctttactaa aaatacaaaa 300  
attagcagga cgtggcacac atctgtaatc ccagctactc aggaagctga ggcattgagag 360  
tccgttgaa 369

<210> 152  
<211> 364  
<212> DNA  
<213> Homo sapiens

<400> 152  
agagaggtga ggacagagac agctttattc agcagggacc gcagaggccc cggaggggctt 60  
cgtccagggg gctggggaga gaggaggagt cagagacagg agagacagac agagatggag 120  
agaaatgggg ggagagacag agacagaaat gggggtagag acagagacag agagaaatgg 180  
tgggagagag gcagagagaa gtgggggaca gtcagagata gaaatgggga agagacagag 240  
atagaagtgg gggagaggca gagacagaga gaagtatagg agagacagag atagaagtgg 300  
agacagagac agagaagtgg gggagagaga gatagaaatg ggggacagac agaagttttt 360  
atag 364

<210> 153  
<211> 363  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(363)  
<223> n = A,T,C or G

<400> 153  
attagtgtta tgaacgaag catcacactg ctgcacacat aggaggcatc ttgtcgttct 60  
tatgtatttg accaaagaag gttctcttct cttgtatagg ccattctatt tggccacggc 120  
aagatgtcta ttaattatat gagcaaggat aggaaaccct cccagcccac cgtggcagac 180  
aatttagccc tgcggatcaa tgggataaca gatgtctcag cctgaactct ttcacagcag 240  
agcatttttc cattcttgtt gtggacttca gtgtgagcac tgtgagagca ggaactgagt 300  
cttattcgtc tttgggtcac tagcacagag gctagcattt ggatggaggt cactgctctt 360

atn

363

<210> 154

<211> 343

<212> DNA

<213> Homo sapiens

<400> 154

tctactgaaa atacaaaaat ttgccaggtg tggtagtgca cgcattgtagt cctagctact	60
cgggaggctg aggcaagaga gtcacttgaa cccgggaggc agaggttgca gtgaactgag	120
attgtgccac tgcactccag cctggccagg tgacagagca tgacttcttc tcaaaaaaaaa	180
aaaagaaagg aactataaaa ttgggggggg ggggggagggt gaccccgagg ggggccactt	240
aggggggttta agaggtttcc tttgggggaa gggaacttaa tttaattttt gaggggaaaa	300
tgagaagccc aggggggtccg cccagaacgg gtaaaaattg ggt	343

<210> 155

<211> 147

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 155

cctaattgac gtttatactt aaaattcaga gtacattaca aggacttctg gttgttgagc	60
ttttaagaat tatacagcag aatctttttc atctggnttt atgagttgct gcaataggat	120
aaagctattg taaattaatg ggaactn	147

<210> 156

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 156

gaccatacat cattttccat tctgggacag aggaagaaga cgggtggggg agttgatctg	60
gctagcccag agctggacag tgccattcta ttcttccctc ccacttgtct acacggtggg	120
tattactact tgctctgctg cccaggctgg agtgagtggt tgcgatctcg gctcactgca	180
acctctgctt cccagcttca agcaattctt ctgcctcagg ctcccaagta gcaggcatta	240
caggcgctg ccaccacgcc cagctaattt tctgtatttg tggtg	285

<210> 157

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 157  
 tacggctgct agaagactac agaaagggtc tagagcacgc aacctagatc cctcacatgt 60  
 gcagttcaca atagggttca cactcctatg acaacctaata gctgcccgtg atctcacagg 120  
 aggcggaact caggtgggta atgctcgctg gccaccggtt cgcacccctgt tgcacagtcc 180  
 agttcctaac aggccacgga ccagctgagg acccctgctc tagagaatcg ccaaagtga 240  
 ggggtggtcat gaaagtttca aacagggtgt aaaggcaaag cgatatacta gaatcatcac 300  
 tgcattttta nagagcacta ttaggaagag ctctcatctt tctctcttga tcaaagtgcc 360  
 tttgaacaa agagacttgc atctagaag 389

<210> 158  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 158  
 ggcacgaggt caccaggt gttttgtttt ggctgatct gcaacctctg cccccgggg 60  
 tcaagegatt ctctgcctc agcctccga gtagctgaga ttacagggtg gcgccaccac 120  
 acttggttaa tttttgtatt attagtagag acgggggtttc agcatgttgg ctaggccggt 180  
 ctctcctgac ctgagggtga tcagcccacc tcggtctcac aaagtgtctg gattacaggc 240  
 gtgagccacc ttgcccagcc cacatcatac agtttgaaat gaaactttgc cacaaccagc 300  
 ctttgctgta gcacacacat atatcactga acctgtttga aataaaggat tttttgtttt 360  
 tcatgactcg gctttgagta cctccacgcc g 391

<210> 159  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 159  
 gtgctctgtg acccgagcta gaaggcagtg gcatgacctg actataggtc actgcagcct 60  
 ctaactcccg ggctcaaaca aatctctcgc ctacagcctcc caagtagctg ggaatacagg 120  
 tgtgagccac tgtgtccagc ccttaacttc tcttttttat cagagtgtaa ccaaagggtg 180  
 cctgaacact gagccctcca ggggtctctc tcatttcttc ctgggctcgc ttgcatacca 240  
 cgggttgcaag cataccatgt ctgatgggag ggcccagagg tgaccatgct ggaagggaca 300  
 ccagggtctt gcagggtctt agtgtcagag gtcactgact ttcttaagca cctggcatct 360  
 g 361

<210> 160  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 160  
 cggttctgtc gggcacggga aaataaatag tctttcgcgt gtggcagggt aaccttgtgc 60  
 tcaggaggt ccgggaacct ggacgatttc agtctgtcct gctcccctcc ccatgacaca 120  
 tacagcggca ctctgctgct caccatagac cggcgggtcat atccgcacac agccacggcc 180  
 ctcgagggtg agtgcgaggc ctgagggtgc agagggcaca ccctggcag ctctatttat 240  
 ttattgagac ggagttttcac tcttgtcgcc caggctgtag tgtagtgggt cgatctcggc 300  
 tctactgcagc ctctgcctcc caggttcaag cgattcttcc gccttagcct cctgaatagc 360  
 tgggactaca ggcattgcacc accacacccg gctg 394

<210> 161  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 161



ggcacgaggg	aattaccccc	cttgcctcttg	gggggctgct	agactgtctt	gccgcggggga	60
gggatgttga	ctgcagagt	aaacatcctt	gcaaactctt	cccacctcct	tcacgacact	120
gagttgccat	gtgaggttct	tcaagtctga	gagtgggaag	gatccctatg	gagactccta	180
ttaaaccctt	attagaggaa	gagattgaga	gacctagcaa	tgtgaagtaa	caaagatcag	240
gcagctgcaa	gtgactcctg	aatcttgagt	ccagggcttt	cgccactaca	gtacagtgg	300
tttcttttct	ttggtcgggg	agagtgggct	ggaatggaaa	gtgaggccca	caaattacct	360
gcagagacgt	ggaggcgtga	gggagaacat	g			391

<210> 162  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 162						
taagtgacca	tttcttcact	cctgggttttc	caattgtttt	gacactgaca	ttcaattagg	60
aggactaaat	acacagtgg	gatgatggg	gtgattatat	cattttatga	tcaacacctt	120
cttcactgtt	tgcttctccc	aatattactt	atgagacagg	aacttacttt	ttcttatggc	180
cctcaacacc	ccccagttgc	tcttagaacc	ctatctcttt	tctgatccca	ttacacaatt	240
ttgaggtttt	cgttcccccc	cttatacttt	gttttctctgc	gatttttgag	ggacctgggg	300
ttttttctac	ctctcctttt	tctcttaaat	tttttctttc	taacttagac	ctcccttccc	360
tttttg						366

<210> 163  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 163						
cgttgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tggtggtcag	gctgggtttt	aaactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgtctgg	attacaggcg	tgagccaccg	cgcctggccg	gaaatcatgt	180
aatTTaaaac	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgccc	300
acccagcgag	cctctgaagg	tgcaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	togttctcaa	tataattgca	caca			394

<210> 164  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 164						
cgtctgtcca	tctgtcgtcc	ctgccagcac	agggggatgg	tcttggtctt	aggggctgca	60
gaacacagca	aggcccagag	gccagaggct	gcaggcgggc	ctgagggtga	acttcccccc	120
gagaaagagt	ctctggaaga	gaatgaatgg	cccagcaggt	agtgagaact	ctgtcactag	180
ggatatataag	cgggatgga	cacagggaag	gacatttctg	catcagtgg	gggtcccat	240
cagttaagag	agcctgtgac	tctgtcgagg	gaccatgggg	ggtggcacca	gagcccaggg	300
cacctgaggg	cctgtctgga	tgcagctgct	agtggtcata	ggacagcaaa	cactattcat	360
tggattct						368

<210> 165  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 165						
cgttgctgtc	gcgctcagga	ggcctgagct	tggtcctttt	cctctctgct	tggattctgg	60

accaccacct	gggaccaacc	ttcagctctg	gaaccttcat	aaagcaggtc	agcgtggcct	120
gattgtccca	ggacctgaag	ggagcaagga	tggcctcagg	gcctggagaa	gtctgctact	180
ctgtccttac	tgctgaacat	cctgcttgta	tcaggaaact	cagaagcagt	ttgccttgtc	240
aaattcaatc	tcaatggcca	ttgtccacat	aactgatcac	ccatggctgc	ctctcctatt	300
atctattatc	actgaaactt	agtagcctgc	ttttttttt	taaagctatg	gcgaatcttc	360
cctgttgggg	atccttgaac	ctgggttgag	ttttccc			397

<210> 166

<211> 314

<212> DNA

<213> Homo sapiens

<400> 166

tccagtttaa	aggaacatgg	gccgggcgcg	gtggctcatg	cctgtaatct	cagcactttg	60
ggaggccgag	gagggaggac	cacctgactt	tagaagatga	agaacaacct	gtgcatcatg	120
ttgctgaacc	tgatctagaa	aatgggtggt	ccacagcctc	cggcttagaa	catgaaaaga	180
agtgtgcaga	cttaccctt	acggactcct	tatgagtttg	ttccccctt	tggagacttc	240
ccctcgctgc	cttttctgcg	tattatacc	cccaacatct	tgggtgggtc	ccctcgctga	300
ccttaaaaat	taaa					314

<210> 167

<211> 396

<212> DNA

<213> Homo sapiens

<400> 167

cgccggagct	gtgagccggc	gactcgggtc	cctgaggtct	ggattctttc	tccgctactg	60
agacacggcg	ggtaggtcca	caggcagatc	caactgggag	ttgaagtgtg	agtgagagtg	120
aagaggaaac	agcaggcttc	cggaggggtg	tgtgggtcagt	gactcagagt	gagaaggccc	180
tcgaagtcgt	cgtccctctc	atgcgggtgc	acgcccatgg	accttcttgt	ctcgtcacgg	240
ccataactag	ggaggaagga	gggccgagga	gtggaggggc	tcaggcgaag	ctgggggtgct	300
gttgggggta	tccgagtccc	agaagcacct	ggaaccccg	cagaagattc	tggactcccc	360
agacgggacc	aggagagggg	cggcatgagc	ggtatg			396

<210> 168

<211> 397

<212> DNA

<213> Homo sapiens

<400> 168

cgttgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tgttggtcag	gctggttttg	aactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgtctgg	attacaggcg	tgagccaccg	cgcttgcccg	gaaatcatgt	180
aattttaaac	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgcccg	300
acccagcgag	cctctgaagg	tgaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	tcgttctcaa	tataattgca	cacagt			397

<210> 169

<211> 183

<212> DNA

<213> Homo sapiens

<400> 169

ctggtacggg	tcggataatc	ttcgtaatgg	tgccgggtgtg	cctcgcttat	taagttgatc	60
gcttgtggaa	ctatttcctt	gggagcgtgt	gcgaatcccc	tgcgtttttt	ttttgaatga	120
cgtccatttt	ttttcgtgaa	tgaagtgtcg	ttcttctttt	tcgttgtgct	gtttctcatg	180

gcg

183

<210> 170

<211> 389

<212> DNA

<213> Homo sapiens

<400> 170

cggttgctgtc	ggcagacaca	cacatgcaga	caacacgcag	acacacacat	gcaggcactc	60
acatgcaggc	ccatgcacac	acacgtgcac	acacatgcag	agacatgcag	acacgcaggc	120
acacatgcac	acatgcaaag	acacgcatgc	aggcacacgc	agacgcacac	agagacacac	180
atgcagatac	acatgcacac	acacatacac	acactggccc	ctgtttttct	gtggtgtcac	240
tgggtgccag	caactcggtg	tctccacac	cccactaaaa	cctgggcctt	aatttctctc	300
ccgtccccac	ccctaaattc	ctgatggatg	aacctagagc	tgtcctgtcc	actccaggcc	360
ggactgacgt	agcctatggg	cccagcagg				389

<210> 171

<211> 396

<212> DNA

<213> Homo sapiens

<400> 171

cggttgctgtc	ggcagacaca	cacatgcaga	caacacgcag	acacacacat	gcaggcactc	60
acatgcaggc	ccatgcacac	acacgtgcac	acacatgcag	agacatgcag	acacgcaggc	120
acacatgcac	acatgcaaag	acacgcatgc	aggcacacgc	agacgcacac	agagacacac	180
atgctgatac	acatgcacac	acacatacac	acactggccc	ctgtttttct	gtggtgtcac	240
tgggtgccag	caactcggtg	tctccacac	cccactaaaa	cctgggcctt	aatttctctc	300
ccgtccccac	ccctaaattg	ctgatggatg	aacctagagc	tgtcctgtgc	actccaggcc	360
ggactgacgt	agcctatggg	cccagcagg	ccagg			396

<210> 172

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 172

aaaccccgctc	tctactaaaa	atacaaaaaa	ttagccgggc	gcggtggcgg	gcgcctgtag	60
tcccagatac	tcgaggaggt	gaggcaggag	aatggcgtga	acccgggaag	cggagcttgc	120
agtgagccga	gattgcgcca	ctgcagtccg	cagtccggcc	tgggcgacag	agcgagactc	180
cgtctcnnnn	nanaaaaaaaa	aaaaaaaaaa	aagggggggg	ggttttttcc	ggaaacccca	240
actggaaaaa	aaccttgggg	ggggtgggca	aacccccctt	ttaaagggggg	gaaaaaaagg	300
gttttttttg	gaaaatttgg	ggccccta				328

<210> 173

<211> 358

<212> DNA

<213> Homo sapiens

<400> 173

gcagggttgta	cagaaagcca	actaaggatg	atcaaaaact	ttcagatgat	cttgactgtt	60
cagttgaggt	ttgaaattaa	aaatctatat	gagcacctga	ctgtataatt	atgtaatttt	120
ttttccagta	atataaagag	ccaaggaaag	caggtgggta	ggtggatcca	agattgagaa	180

tttgttggtg	ggctgtgcct	gcaagtcaaa	gaactgtcct	tcaagccaag	agttctggag	240
gtcattcaat	gggaaggctg	aagggtcagat	gctttgttaa	gactgaagct	tggtcgggca	300
cagtggctca	cacttgtaat	cccagcactt	tgggaggctg	aggcaggtgg	atcacttg	358

<210> 174  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 174						
acaaggggaac	tgggcaatgc	cttgggtgaaa	ttcaaacact	agaattgatc	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaccacc	ggagaaagg	aaaacgggtt	gagagatcta	120
ctattttgaa	aagtcaggcc	tggcgcggtg	gctcacgcct	gtaatcccag	cactttggga	180
ggcgaaggga	gaatggcgtg	aaccaggag	gtggagctta	cagtgaagccg	agatcacccc	240
actgcactcc	agcctgggca	gcagagttag	actccatctt	aaaaaaaaaa	aggaaaagaa	300

<210> 175  
 <211> 302  
 <212> DNA  
 <213> Homo sapiens

<400> 175						
tagtagagac	ggggtttcac	tatgttggcc	aggctgctct	ccaactcctg	acttcatgtg	60
atctgectgc	cttggcctcc	caaagtgcag	ggattacagg	cgtgagccac	tgtgcctggt	120
cttctcattt	gcttttattt	gtacatcaat	tttagcatgt	attgctatta	gccttagatc	180
ataagtaatt	acaattatgt	gtgtctatat	cattgcatag	ttgcatttgc	ctgtttctct	240
tacagattgt	ggcacactag	gcatttttat	ttcccataaa	tcctagcaca	gagacttgta	300
cg						302

<210> 176  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 176						
ctctccttga	ctgtaaaggc	aatatcttag	agtactttgt	atctccagca	catagcaaatt	60
tgctttgcta	gagtaggttt	taacatatgt	ttttgggtaa	tggtggcgat	gatgcaataa	120
aggacagccg	ttattcaatt	tactctgtgg	cactaaggca	acttgaaaac	tctctgttgt	180
aacctgacat	agagctttgc	atatagtagg	aactcagcac	atgtttggta	gattttaagc	240
aattattttt	tttctgtttg	gattagtctg	ttctcacacc	gctgtgaaga	aatacccaag	300
actgggtaat	ttataaagaa	aagaa				325

<210> 177  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 177						
atatcaaattg	gatgtgccgg	aaggcagggt	gcggcagagg	caagtccagat	cagcttctgc	60
cactactgat	tgtgtgactt	tgaacaaata	agcctgtttc	cttaattgta	aagaagaaat	120
accaatagt	tccaggctcat	ggtggcggca	tgataattaa	ataatatgtg	taaggctcca	180
ggcagtcctt	taccttactt	ttcctgacca	gtaggaaatg	ttcaataata	attaacggca	240
atTTTTctca	ctttgtcaca	atgattctta	tgaattatct	agatgagaag	gtagagctga	300
ggtcatcttt	cccagtgtga	cattcaaact	cttttcacaa	tacttagaga	cac	353

<210> 178  
 <211> 329

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = A,T,C or G

<400> 178  
 attgtgttct gaaaggaacc aagggtcccc agtaggctca attccaagta gctttccccc 60  
 caccactctg tggctcttta ttatttagga ctgtgctttt taagctcccg ttttcttagg 120  
 ggccattatca caccagaggt tcaactgctgt ccagagttta cctctgcatg aatgtctcta 180  
 ggctgattgc tctctgctga gtactaacga aggaaatcca acattcatgt tctactttgg 240  
 gctttctgat gacacaggag cctggcttgt attcagtaca catatattga tgttatgtga 300  
 cttgactagg ccataanaac gataaatan 329

<210> 179  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 179  
 ccgggttact catcccatcc tatgtcttct gaagtacccc tgcaatccct aatgcctaata 60  
 ctctgtttgt ctggctgcct acggaatgag gacaagctga aagtctggcc tctcagtttt 120  
 gtctccact gctgactac ttttctattc tcaaccagc ccaccttcac atacccccag 180  
 ttgtgagtcg gtcaggagga tgtttctggt caatgagatg tacaaccggg gacagtatta 240  
 gcggagccat ggaagaaatg gaatttcacg cgtgaatatt ttgacaaaca tggccatgat 300  
 ttaagaactg gcgggatttt tctgggcccc caggtgatat tatttggccc gaa 353

<210> 180  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 180  
 gaggaataa cttttctcta gcatcgtagg aggaagaaaa caaacacatc agatattttc 60  
 agcactaaaa gagatggttt tccccacata tatgtaaaag aaatttgcaa gactactgga 120  
 ttttgatctc atggttgacg tgggtgaata ggtggccttt tgtgatctcc ttcacacccc 180  
 tggaagttag acttcttcgg tttcttctag agtcagtttg gtatcagaat ggcaaagcaa 240  
 cttaaccttc cagaaaatac agatgattgg acaaaaagagg atgtaaatca gtgggttagaa 300  
 agtcataaga ttgacaaaaa acacagggaa attttgactg aacaagacgt gaatgg 356

<210> 181  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 181  
 aattagttgg tgaggaacta attataaaga ctattccagg tgcttttaggg ttcagccaca 60  
 acctatgata aggaatacct attataagtg ggtgcttgta atagatatta ccatattatc 120  
 tatgcactca ctttaatact cattgttctg ggctccacct gatattatga tatgaatctt 180  
 tttagctata ctctgatcca gaagatcaca tgattagcat caatttctaa ggacagtaat 240  
 aaacttgata gttctgagca aatacatata ctacagaata gtcattcaac aaatatttat 300  
 tgctgccta ctatgtagtc tatatatacc tatatgtaac acacatgcaa ag 352

<210> 182  
 <211> 384

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(384)  
<223> n = A,T,C or G

<400> 182  
cgttgctgtc ggggggagtgg atgctgctga attgtgatta attgggggag ccatataggt 60  
acatttggca tgatctgggc ctatgcggtc ttacaatccc tgtataaaac tagacaatga 120  
aaaacagaaa aaaaaacaaa caaacaaaaa aacaagaacg aagcacctac cacatgccag 180  
ctactgaggc tatgaaggta ttctccggcc ttagaaaagcc caggattaat gcaggattgc 240  
gatattttaa cagaacattt ccatacagca tgagtataaa tgactttccc aagtttacac 300  
tgagagtaac tgacacagca accccagcaa agtctgagct gagtcttgaa taattgtata 360  
aaaaggggag agaaacagag tgan 384

<210> 183  
<211> 328  
<212> DNA  
<213> Homo sapiens

<400> 183  
gaagcctccc caggcccaaa gactgggtta gagcttctcc ctccctgggtgc aatgcttcat 60  
taattacata accaagtcta ttatacacia agtghtaacct cccactagag tgggagttcc 120  
tcaagggact taagggtact atcttcgtta gcctagcacg gtgctcagaa aacggtaaga 180  
ataaaaatagg tattttactac tcaggacata gtacagagtt attgtatatt tattgaactg 240  
aattgagctg tctagtttgc cctttaaaac cagggtgtttt agtatttggga aatatggaca 300  
atgatacctt tgggtgttcc taaattca 328

<210> 184  
<211> 356  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(356)  
<223> n = A,T,C or G

<400> 184  
gtatatgatg ttatgttatg ttatgttatg ttatgttatt gttacagaat tctaaatggg 60  
gacatagaaa ttatttccct tgagtatagt acatattgct gctaaataat agaacttgcc 120  
tgattgggat gggggggtggg gtttgngaag tanngataag nnanaattat gggacattgt 180  
agaattttta ttgttttcaa ataatgcaa aataatgact agccctgtat tgttgagaca 240  
cagtccttta ggaggtttgc tttaatgaac agataagaat cactgggtggg cgggcgcagc 300  
ggcttacggt tgtaatccca gctctttggg aggccgagtg gggcagaaca ccttga 356

<210> 185  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 185  
gatcgcgcca ctgcactcca gcctgggcca cagagtgaga ctctgtctca acaccaccac 60  
caccaccaac aaattacttg tcgtttgaag ccaccagtt tgttgtggca gccctaggaa 120  
acggaaaccc acaggtgtgt ttctaggag actgtgagtt tcacgagctc catcctccct 180

cccctatgcc	agatggccaa	gttttctgct	tggcgcatct	cctgagccta	gcactgaggt	240
gtccctcagg	aactgtgccc	atagactagt	ctacagattg	tgaagtagaa	acagggtccc	300
catgccaggc	gcggtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	ga	352

<210> 186  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 186						
taatgaaaaa	agtgttttta	aattagcatt	ttcaatgggt	ttcagtctct	gttaagcact	60
gaccaagata	agatgaggtg	agggtgcagc	aaattaactt	gtattgcagg	cataacacag	120
aaaatctagg	cctaaagaaa	attagacact	gagaaaagta	gcggaaactg	ggaaatactc	180
gtctttggaa	aacactcctg	gtggggtaga	atttctggaa	tacttttgga	tgtttccttt	240
ctggttccaa	ggactagatt	aagtggcctc	tgagtgcagc	ggttgggggc	agagcctaaa	300
ccggggctgg	gtctatgtta	tctgtgtaca	agcagagcag	tggggtgagg	agaata	356

<210> 187  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (355)  
 <223> n = A,T,C or G

<400> 187						
ctgggggttaa	gcggaaaatt	aaaaattcag	aacaaccata	gtctgttata	tgtcacctgt	60
aatttaggct	aatatctcaa	ttctcttggt	atggacattt	ctcttacagt	gtgtctttac	120
ataatgggta	ttggatgtaa	tgtgatcaat	taattagagc	atatgattta	cattagtcaa	180
acctgtattg	attacaaaat	gactatgata	tgaaagtanc	cttgctgtgt	tgtgtgtgtg	240
tgtgtgtgtg	cgtgtgtgtg	tgatataaga	ggagatcctg	ctttgtatgt	ggccaacttg	300
gggaggggga	tggaattttc	actatattac	tgcgacgtga	gcacacacct	acgggt	355

<210> 188  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 188						
ttctcctgac	tcagcctccc	gagtagctgg	gactataggg	acccaccata	acgcctggct	60
aatttttttt	tttttgaatt	tttaagaaaa	aaggggggtt	caccgggtta	cccaggaggg	120
tctaaatccc	ctgacctcat	gatccaccct	ctttagcctc	ccaaactgcg	gggattacag	180
gggggagcca	ccgggcctgg	cccaccagga	gctatttcat	agggctctgg	gggcccgggg	240
gttttttgga	aaggggggtt	ctttgattta	cttgaaaaat	ctcacccttc	aaagcggggg	300
ttaaaaacca	ccccactgga	attggaaaaa	attttttgaa	gggccttttc	gaaccctc	358

<210> 189  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<400> 189						
acaagggaac	tgggcaatgc	cttgggtgaa	ttcaaact	agaattgata	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaaccacc	ggagaaaggg	aaaacgggtt	gagagatcta	120
ctattttgaa	aagtcaggcc	tggcgcggtg	gtcacgcct	gtaatcccag	cactttggga	180

ggcgaaagga	gaatggcgtg	aacccatgag	gtggagctta	cagggagccg	agatcacccc	240
actgcactcc	aacctgggca	gcagagttag	actccatctc	acaaaaaaaa	agaaaagaaa	300
g						301

<210> 190  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 190						
cggttgcctgc	gctgaagggg	gcaaggatgg	cctcagggcc	tggtgaagtc	tgctactctg	60
tccttactgc	tgaacatcct	gcttgatca	ggaaactcag	aagcagtttg	ccttgcaaaa	120
ttcaatctca	atggccattg	tcacataac	tgatcaccca	tggtgcctc	tcctattatc	180
tattatcact	gaaacttaat	agcctgcttt	tttttttttt	tttttaaaag	ctatggggat	240
tctcccctgt	ggggaaccct	tgacccggat	tggggtttcc	cctccttttg	gaaaattata	300
atccaaaagc	cttttttttt	tgtttaaatt	acggaggggg	atcccctaaa	ggagtcgcct	360
ggccctcg	gggaataaca	aaggaa				386

<210> 191  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (386)  
 <223> n = A,T,C or G

<400> 191						
cggttgcctgc	gaaattgtat	ggagaatgg	atttaaaaag	tgtttgagga	ctttgcagct	60
gtcctataaa	atggtgaagt	gtgtatgtga	tctacgtaga	aagaatatta	aagagtaggt	120
ggagctcttt	ataggcgagt	acagccttaa	atatgcttgt	atagcatcca	ctgncagaag	180
taatagttgt	gcctcagact	tgggggttgc	atgtgcgcct	gggggagtta	ctacccttgg	240
tatgcatgag	cgggtcctat	tagcatcagg	gggaaactcaa	tactgtgtac	gtatccacaa	300
aagggatctt	gacaccacaa	ggtattctta	atttctgata	ttaacaaccg	tacatactgc	360
tggaaacttaa	actaagaaca	tttagg				386

<210> 192  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (356)  
 <223> n = A,T,C or G

<400> 192						
aaaggtaag	ctgtgctatc	actgttaccc	tagttttggg	cttattggat	gtgtccatag	60
tgaagccaac	tccaggcctg	acacccaggt	ttgactcgag	ggtcttcatg	atccctgggtc	120
tgtgcactcc	tgccacagga	gagcggattt	ataacaaaag	ctggcagggg	gcagtgactc	180
acacctgtaa	tcccagcact	ttgggagggt	gaggcgggtg	atcacctgag	gtcaggaggtt	240
tcagaccagc	ctgaccaaca	tggtgaaacc	ctgtctctac	taaaaatata	aaaattagct	300
gggcatgttg	gtgggtgcc	gtaatcccag	ctactcgga	gggaggtga	ggcaan	356

<210> 193  
 <211> 357



<212> DNA

<213> Homo sapiens

<400> 193

tgtcacccaa	gctggagtgc	aatggtgcga	tctcagctca	ctgcaacgtc	tgcctcccag	60
gttcaagcga	ttctggggag	gggaggagga	gggaagcaag	gagagaggaa	cgcagggagc	120
agagcctgac	ctggtcacgg	gggtctggga	aagacagagg	cttttgtag	agccggcagc	180
tgagggccga	ggccgagcag	gggttaggcc	agcacaggac	gaaaaggaag	aaagtccag	240
gtggagtctg	gtggagaaag	accgacctgg	aaggcaccag	catgtgcacg	tggcaactga	300
ggtcgaggac	gtgcctgaga	aagaggagga	aggtgccctg	cggaccgggt	aggggtgc	357

<210> 194

<211> 357

<212> DNA

<213> Homo sapiens

<400> 194

ttgaacctgg	gaggtggagg	ttgcggtgag	ccaaaatcac	accactgcac	tccagcctgg	60
gtgacagagc	aagacttcgt	acaaaaaaaa	aaaacctaga	aggttaaaat	ttttgttatt	120
ttgacccaaa	gggaaaaaac	tagtttttag	ggtgggcgct	gcctgtgaaa	actgcttttc	180
ttaaaaggcc	aagtttttcca	cactgttgaa	ctttgacttg	ccaaacatgt	cagcaggtct	240
ttcagctttc	aggaaaaaag	gaaggggagt	tccttgGCCa	gttgcccttt	tgtctgttta	300
ccaaaggctc	gggtattaac	ccagtttttt	gcaggccaca	ggagacagcc	ggttgtg	357

<210> 195

<211> 357

<212> DNA

<213> Homo sapiens

<400> 195

aggtgccgct	gtgtgtctac	agagaggcca	agcctggaac	aggcgccctgt	gtgtgtacag	60
aggcagctgg	aaaccaagtt	acgtgaaagc	ctccaccagt	taccctgggg	ctcctggcca	120
gacgaggttt	ctgcagggag	gacagactga	agctcaaattg	ggcagtagtg	aaggcggtct	180
ccattgcggc	caggctcagg	ccaccgcca	gcaggaggga	aggtgctgga	agcttacgtg	240
cccgctggaca	ctggaggctt	atgcacctgg	acccagtgcc	catccaggtc	ttctctgtgg	300
gccaaagggtg	aaagaggctt	cttgaaggct	gagggagtcc	cagtgcggc	ctgagac	357

<210> 196

<211> 357

<212> DNA

<213> Homo sapiens

<400> 196

atactactct	tgaaattatc	ttctaataca	gttgatacat	taggctatct	gggaataata	60
tgaagatact	tgatttaatt	ccaaaaaaag	cacaattggg	tgactcacia	ttctgggtact	120
ttagttaaac	ggttttgttc	ttatcttggc	ctgatgagat	accataattt	acacgaatat	180
tatctaaact	aaacttttta	atccagtata	ttagtgcgaa	ctattctttt	tttttttttt	240
gggatggggg	cttgcttttg	acctccagct	gggtgggcag	gggcgtatct	tggcctattg	300
tgcgcccccc	cctccggggg	aaaagaaatt	ttccgcccct	aacccccgaa	gaaacgg	357

<210> 197

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(352)  
 <223> n = A,T,C or G

<400> 197  
 aaaatgaaat ctctcagaac ctgatgggtat ttggatagca tatacccacc agaggaacag 60  
 gcttttatct agcataccac aggtctcccc tttagcacat ctgtgctcat tttgaaactg 120  
 tatagggaag gacattagat ggctgggaga actctgaagg acagacctgg atctcctgcc 180  
 atcttccaaa ggtgaaacaa caaaaatccg ccaggctttc agtcagaagc ccggaagggc 240  
 cactcccaag gaacagaggc aagagcagaa gtagatggag tcttactgaa actgaaaccc 300  
 agctcaattc ctaatagggt gaagatatga ttacctcaat gcagtctgct tn 352

<210> 198  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 198  
 gaggaagagg ctggggaccg cggcgaaggt ggtgagtgtt cttggggcgc ttctcccaac 60  
 gtccctgccg gactcgctc cgggctgatt ctccagttgg tttcctggac tccagagtag 120  
 ctgtccggcc tggccccgga ggtgcaaagt aagaaaattg aagtcaaaga ccatgggaga 180  
 tacagcaaaa ccttattttc tgaagcgcac taaagaccgg ggggctatgg atgatgatga 240  
 cttcagaagg ggtcaccccc aacaagatta ttaataata gatgaccatg ctaaaggcca 300  
 tggcagtaaa atggaaaagg gccttcaaaa aaagaagata acaccaggga act 353

<210> 199  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 199  
 atagaagaaa ctaattaaga gatggaaatt cttgattttt tgttgaaata ttataccaat 60  
 ttcctttttt tccttgatat atgcaaaacc aagcctcatc tcgagtatgg ctaatttaat 120  
 caatagtggg tatttcttta tccaacatgt tcttaaaaat aatatacttg catgaccaca 180  
 tgcacagaat atttgggata aaatttcaat tcaatacagt ctcagagtaa gtataacaga 240  
 aaacctgttc cttgacctat aaggtattga atagggatta gtatctaaac tttttagttt 300  
 tgaagactc anacataagt tcgccaattc aacaaagata tatgattcca tac 353

<210> 200  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 200  
 atcacttgaa acaagaaaac ggagggtcca gtgtgccaaa agaacaccgt tgcactccag 60  
 cctgggcaac aagaacgaag ctccatcgct tagaaaaatc caaaaagaaa aaaaaccggg 120  
 ggggggtttt tccccctc cggaggatg cgaagaacaa ggttggtttt tgtaaagcac 180  
 aaaaaaacg cgggggaaaa aatggacctt ttttaaaaac cgtggaacgt ttttgtcttt 240  
 ttcgaggcct tttttctggt gttaaaagat ggggaaaagc cggggggggt ttttttattt 300  
 tttcgggtccg gggggggggg ccagactat 329

<210> 201  
 <211> 385

<212> DNA  
<213> Homo sapiens

<400> 201  
cgctgctgtc ggttattatg gataaaactat tattgttaat tccgggcaag ccacttgcct 60  
ttctaggcct gcttctttgt tcattaagcg gggagcacgg ttcttgtgag gattacatgg 120  
gagtgatgag tataaaggag actgcaaacc ctatccagag ccatcacctt gggagtgtca 180  
ccgtggtaat cagagtccgt tattcctaca ggagctccat ccacaactgc tctgcagggg 240  
acaatgggtg ccctcattcc ccacaggggt ccctaccctc tccatcgata cacactaaca 300  
tatgggaaat gaaggccac cctgccgggc tttcatactc tagaatgctg gaatttttgc 360  
tcttggcagc ccattaaaag ggcta 385

<210> 202  
<211> 355  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(355)  
<223> n = A,T,C or G

<400> 202  
ttggtcagcg atgctggtga gatgtaacct cagaaaagca agattaagtt atagctatcc 60  
cacagggcac cttcatgcaa ttagaagaaa gtgtccctcc agaagatgca gccccctcca 120  
agggccatgt cttggcaaat tcatacagccc ttgtataaat tagaaaaagt caacttcctt 180  
ggatagatgc agccccagag gtatatggct ttgtgaagag ccagatttca gcaccaactg 240  
gcctacagaa ctatatgcgg tggccctggg tgtttttttg ttaccagata catagcaact 300  
tatcttgtgt actttgtcgg ctctctgtag tgaaacatgg gatttattcc taatn 355

<210> 203  
<211> 353  
<212> DNA  
<213> Homo sapiens

<400> 203  
acacggaggg gtcacctgcc ccagcgcccc acggtttcca gccttggcct gtccctcttc 60  
acctggccca cgggtgatgc gtgctgtgct ggccctttctg cagggtagag tgcggtcagg 120  
ggactgctgg gggctgtcag agccccagcc ctttgcctca taccaggga gccgtttcca 180  
gtcctgaggg tttttgcgac tgatcctggc tgggacttgc ttcttactag gagaagcaag 240  
agatccaagt ccttcagtca gacgtgctc tcagacatca gaggggcagg aactgaatg 300  
cacatgtggg ttctgagggc tcctttctct ttgaaatcct gcaacaatta acg 353

<210> 204  
<211> 385  
<212> DNA  
<213> Homo sapiens

<400> 204  
cgttgctgct ggtgtatttc attggaaatt gatgacttga aaaaaattac caattcactg 60  
actgtgcttt gcagtgaata acagaagcaa gaaaagcaaa gcaaagccaa aaagaagaag 120  
aaaggtgtgg ttccctggagg gggattaaaa gccaccatga aagatgatct ggcagattat 180  
gggtggttat atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240  
tcttggtgtc atctttatgt tgcccacaat cccttgaaca tgtagcaca cttcctttcc 300  
tttcagttct gccaaatgct acaatcagaa gtgcagtatc ttttgtgctg gttatttaac 360  
cccttgacac ttaggtgcta atgtg 385

<210> 205  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 205  
 cggttgctgtc ggtgtatttc attggaatt gatgacttga aaaaaattac caattcactg 60  
 actgtgcttt gcagtgaaaa acagaagcac gaaaagcaaa gcaaagccaa aaagaagaag 120  
 aaaggtgtgg ttcttgagg gggattaaaa gccaccatga aagatgatct ggcagattat 180  
 ggtggttatg atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240  
 tcttggtggc atctttatgt tgcccacaa ccttgaaca ttagcaca cttcctttcc 300  
 tttcagttct gccacatgct acaatcagaa gtgcagaatc tttgtgctg gttatttaac 360  
 ccttgacac ttaggtgcta atgtgca 387

<210> 206  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 206  
 cggttgctgtc gctggatagt agttgttctt caggcaettg gaggccttgt aatagctgct 60  
 gttattaagt atgcagataa tattttaaaa ggatttgcaa cctctttatc gataatatta 120  
 tcaacattga tctcctatct ttggcttcaa gattttgtgc caaccagtgt ctttttcctt 180  
 ggagccatcc ttgtaataac agctactttt ttgtatgggt atgatcccaa acctgcagga 240  
 aatcccaacta aagcatagtt gtatactatc tttaactggt ttttcacgat ggggcactag 300  
 gaatctcgac attaatcttg cacagaggac ttctacagag tctgagaaga tatcatcatg 360  
 ctgaatctga tcatactgtt 380

<210> 207  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 207  
 gatagtgaat atattctctt actcaagagc ttaaaaatta gctattttat aaaaattgtg 60  
 tacatgtgga ttacaaaacc tgtttccttt gtaaacagca gagcggtctt gattttctta 120  
 atgtctaagg tcattactct agaaatacac cctatggtgt ccttgaggaa accatggcta 180  
 tggcttttgt aactgggtta caaaatcagc tcacgccgag tgcgatataa aagtcaacag 240  
 gctctgagtg aggaataaga gctctactct aggtaaaatg cttgaatttt ctgttctgga 300  
 tggctcanga gactttttga gggggatctc agtgacattt tgga 344

<210> 208  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 208  
 tttgtgatct gtcattgtca tggattttca gagttggagg atggtctgag ttctgacctg 60  
 gtgtaggaat ccttctccc aaaactctaa cagtacattc tcaggcttcg tgagctcagg 120  
 cttagacac attattttct gatgctggac agcttcttta aaaaaatgta gtttcttaca 180  
 ttaagctaaa atttatttta tgaaagtcca agaattctgg tccaaattgg gatgaggcct 240  
 atggtgcagg acttccgtga aattttatga gattacaaat gcaaaacact tagaacagtt 300

tctggcctat tgccagaatt caataattga ataaaggcag gcagaaata

349

<210> 209

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 209

cctgggtctca	aagtctcagc	ctcaatcaat	cctccacact	cagccttctg	agtttctgga	60
attacaggca	tgagccacca	cgcccagcta	aatgactgct	tttgaaccat	acttttcttc	120
tgctttttcc	ttatcaactg	actttgttta	ataaatcctt	gtctttaagg	tcacagactt	180
tattgtaatt	tgtgggttag	catggagggtg	gggcaagagg	tcccgtttct	ccaccaggta	240
accaggccat	gctgagaata	cttccctcag	acatttcctt	aagcatgttt	tgggaagggt	300
atacttcac	actggaatta	tataagtga	attgaataaa	acccan		346

<210> 210

<211> 345

<212> DNA

<213> Homo sapiens

<400> 210

ctaattacgg	ctaattcacag	tagaaaataa	aacttgattc	cctttcctgc	atgggttgag	60
catgaaatag	gagaaggac	aagacaacct	ccgggtattg	tttctaattc	tttaaaaagt	120
tgtacttgca	gccaggcacg	gcggctcact	cctgtaatcc	tagcactttg	ggaggctgag	180
gcaggcggat	tgctgagct	caggagtctg	agaccagcct	gcgcaacatg	gtgaaacgcc	240
gtctctacta	aaaacacaaa	aaattagcca	ggaatggcag	tgtgcacctg	tagtcccagc	300
tactcgggag	actgaagcag	gagaattgct	tgaaccacag	aggca		345

<210> 211

<211> 347

<212> DNA

<213> Homo sapiens

<400> 211

ggcgacagag	cgagactcca	acttaaaaaa	ataaataaag	aaaaacagga	tgcattccagc	60
ttgtctcaca	cactctaccc	tgggtttata	tttattatcc	acgaggaaac	atccaaaatc	120
aggggtcaga	gtcatggttc	cccaccttgt	ccatgacgag	atgggccagt	ccacatcaca	180
ggcacaggta	ggagacccca	acacagtgtc	cactgttcac	attctaaagg	tgactgtcgg	240
ccaggcacgg	tggttcacgt	ctgtcatccc	agcaatttgg	gaggccgagg	cgagcagatc	300
atccaaggtc	aggagttcga	gaccagcctg	gccaaacagg	tgaacc		347

<210> 212

<211> 351

<212> DNA

<213> Homo sapiens

<400> 212

atgtgtacac	aatcttccag	catataccaa	tagctgaatt	tgtaagatat	tatatagtat	60
ttgcatgtgt	atagctcttt	cttcattctt	tgtgtacaac	tgaaatattt	ttttcatgtc	120
ctagtaaaac	cctaaattga	gaattacgga	ctcaactaaat	gttagaccag	ctagtcattt	180
agaaaacagt	gcatgtgatt	tgtttaaggg	gcaggaagta	ttaggtgtca	acaattcaaa	240
tcactttgtg	tctttttttt	ttgaaacgga	tgctacttct	ttaacccgcg	ttggggggcc	300

agcaccacaaa tagcactttt tgtacgggga aataagtact tagcgaggca c

351

<210> 213

<211> 348

<212> DNA

<213> Homo sapiens

<400> 213

ttgtatattt tagatgcctc tttaaaaata aatttacatg atgagaccct gtctctaaaa	60
aataaaaaata aataaaataa aaataagcta ttttaaaagt tagttattta aattgaagaa	120
tgtggacaag atatactaac agtttctcta ggactgatca cccattattc catgaataat	180
agaaatttct gataaggatg ttgcttaatg gagattttcc tatgttatct ctgcggttct	240
agtgggtggc aaaggcagct atccgggtag ggcactgtaa aggtgtggcc ttagtcattt	300
acactaggac aataagagac cctccacaag tgtgtaactg gataaagg	348

<210> 214

<211> 129

<212> DNA

<213> Homo sapiens

<400> 214

cggggacggg ttcgggcata ccgcatttag ggagctttgc aaaaatagca taatatggga	60
attgtgagat gctactgcat aaattgtcgc ctatctaaat tgaacataac gtgccacact	120
cgactatac	129

<210> 215

<211> 373

<212> DNA

<213> Homo sapiens

<400> 215

tacggcctgt tatattacga cagaagggca cagctccacg gacttagagc agataaggta	60
attgctgtct caacagccca gcctcgtccc cagctcagag tctagtatgt tagaaactgg	120
actgcctcct cccccacat cctcccctag tagcttcagg agggggacag cttcactgct	180
gtcccatgc agatggtgca gtgcacataa aagggtgggt gcaggccaag cgtggtggt	240
cagctctgta atcccagcac tttgggaggg caaggcagga ggatcacttg aggtcaggag	300
ttcaagacca gcctggccag catggtgaaa tcccatctct actaaaaatg caaataaagg	360
ccgggcgcgg tgg	373

<210> 216

<211> 372

<212> DNA

<213> Homo sapiens

<400> 216

cgttgctgtc gaaaaaatct ttctaaacaa caaataccta acattattac tgattgtttt	60
cctaatttat cctcctaagt tgaatggtaa caaagctttt ccagctgaat gaatgcactt	120
agctgataaa ccagaatttg ttcttttttt tcttttttt ttttttgaaa caggttctca	180
ctctgtcacc gaggttggag ggcaggggaa tgataatagc tgactgcagc ctcaaccttc	240
tgggtcctaa ggatcctttc acctcagcct cctgagtagc tgggaccaca ggggggggcc	300
accacaccgg gctaatttta agggattttt tttccttttt ttttttacc atggtgcccc	360
gggtggactt gg	372

<210> 217

<211> 347

<212> DNA

<213> Homo sapiens

<400> 217  
 agtgactagt acaagaagcg aatgctcctt tcctctagtg gacatgagaa aactatccaa 60  
 aactgcagtc acctgggtgt ccagctggtt gcgctatctg ccgcttgcca gatgcataaa 120  
 gctaccagga gattagttgg tgggactggt aggaaatagg ggaaattatg gtttaggtgt 180  
 tcatgatctc tctgtgggaa aatgaggggt atttttccca ctgtcaaatag cccaaaggaa 240  
 ttttaacaat ctttttctta ctgcaccccc attgtctttt tgtttcaaaa ggccaattta 300  
 ttttctcatt attactactt attggctcgg tgcgaggtag actttcc 347

<210> 218  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 218  
 tgggggtgggt gacaaaagct ttgggcaagg atgtggaaca aatcttattt taatttggtt 60  
 taattgactt aactacaaag cccatcattt acttgaagca caaactataa ctctgatgtt 120  
 ttctccattt taaaattata aatgcattaa ttaaaaataa ttaaagagca aatcattaat 180  
 agcaaactac cataacttga tactttttta catttaact taataggttt aatatctagc 240  
 agggcgggggg aaggcacagg gataatataa ttatgtctgc tctgagcaag ggagtgacaa 300  
 taggtgtacc actgacttgt aatacagcag ctacaccagc tcttgaatgt a 351

<210> 219  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 219  
 gctgggtggg cggccccaca gacaggcaga gccaaagcact cccctctcag gcactctgcc 60  
 gcaggctgga cagacagatc agctgggcta gggcgatttg tcccttgga gacagacaaa 120  
 tctgcagctc ctgagtgtt tttgccccag ccctgggacc tcttgtttcc tagcaacatt 180  
 cttaattcag agcgggcacg gtggctcatg cctgtaatcc cagcacttta ggagggaag 240  
 acaggaggat ggcttgagcc caggagtcca agaccagcct gggcaacatg gtgagccctc 300  
 atctctacaa ataaatt 317

<210> 220  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(324)  
 <223> n = A,T,C or G

<400> 220  
 taggggtgtaa atgcctggat gctatagatt ccaatttaac tatgaaaaga actgactcat 60  
 tcatttacat ttctgttaca gacagcccag gaggttacag tgagctcttc actaagaatc 120  
 tggacgaaat gcatcactag gggttgattc ccaatctgat caactgataa tgggtgagag 180  
 agcaggtaag agccaaagtc accttagtgg aaagggttaa aaccagagcc tggaaaccaa 240  
 gatgattgat ttgacaaggt attttagtct agttttatat gaacggttgt atcagggtaa 300  
 ccaactcgat ttgngatgaa tctt 324

<210> 221  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 221  
gttcaccatg ttggtcaggc tgggtcttgaa ctcttgactt caggtgatcc acccgtcttg 60  
gcctcccaaa gtgctgggat tacaggcgtg agcccaccgc gcctggcttc ggaattgcat 120  
cttaatctct gtggcggctg ctattttgtt ttctaagttc atgagcacag gtggctgcct 180  
ctatctttct cctccactta agcaggaaca attcaggagg cagactccac ccaatgctgc 240  
aaatcgcccc tattatcatt gacctgaca gaatttcagg agtgtcaggc cactccatac 300  
tgcaaacagt acaggttgct tataatcgcc aggaggaaag aaaatatcca g 351

<210> 222  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 222  
tacggctgct taagacgact taagggggaa tgacgcagcg gctcttagag gaacatatgg 60  
aaaacaccca agccggagtc tctcacaagc ttgaatgtgt gttctggagc tgaaggatgc 120  
acggttggtta agcccctggt cttttccggt gtttaattcta atgttctttg gaataaaaac 180  
ctccctgccca agtagtactt ggttttatgc tcaacatgct ttgactgttg aaaagagacc 240  
tttggcacac attgaaggga tggatgatga gatgccaatc catggaatca ggtggcgag 300  
ctatgttggt agctatagca gaagtcttct tggcaaatat tctcccggtg aaggaaggta 360  
ccattggaga accatgct 378

<210> 223  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 223  
tgcgtttttt ttacatgtg tgtattttgc ttattttatg catgtatttt aaaatagcaa 60  
gttgactttg ttgcctctgg agttccacag aaccagggtta atgctgtggc atggaatact 120  
aacaaggaga aacagcttcc tgtttaagaa caattcccat gttttttttt tataggagaa 180  
aattgagagc tgtttggggg ctgccatact ttacatttac ttactctac atttaattgtt 240  
ttggtctcca agtaaagaag agtttcatta gatgtagcaa aaacaaaaca tatttttatt 300  
cttcagagct ttcaatgatg aaagaacgaa ccttgaagat gaaaagg 347

<210> 224  
<211> 349  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(349)  
<223> n = A,T,C or G

<400> 224  
aggtacgggg gcgagagaga caacanaagg ggagcacact gaacaaatga tgtgagaatc 60  
tcttcagttc caaccaagtg gcgggaacca gctaagagtt gggtagtctg gaggaaaatt 120  
gatgggcagt tggtaaaata ggtgtgaatg agagaaagct ttgttgggga accatggtgg 180  
gtatgtgggc acgttctaca ttactacaag tattgggaat ttcccagggg aacagcaaaa 240  
tcttggttta tttatgttta attttaaaaa attcccactg ggtgcagtgg ctacgcctg 300  
taatcccagc actttgggag gctgaggcag gcagatcacg aggtcaggg 349

<210> 225  
<211> 344  
<212> DNA



<213> Homo sapiens

<400> 225

ggagatgctt	ttccttctgc	atgttaactc	acaactcatt	cctaatacatg	gaggctctaa	60
tccaactgac	taaaatgctt	ttctccccac	ggaactaacg	tagttacttg	agagaagaga	120
gtaaaccagc	ttctcctgcg	tggcacaggg	ctatTTTTtca	ttatagggaa	acggacttct	180
ataagggcat	ttaccacatc	ccaagggcta	atttctcatt	taaaaaatag	gggCGgtcgc	240
ggtggctctt	gctttttaatc	ctaatacatt	gtttttttta	tgccggaggc	tcaggaacta	300
aagtggaaca	aaaacaatcc	ccctttcaat	atagaaatct	ttag		344

<210> 226

<211> 346

<212> DNA

<213> Homo sapiens

<400> 226

tacaggctga	gagcagaggc	tgaagtaagg	ggagttctaa	tctttgggtc	agttgccctc	60
tccctgtgtc	atttcttatg	aaatagaagt	tatgctattc	ccaaaataca	tacagcacta	120
ggcaaagtgt	taagaagcct	agattttgcc	agaaaccatg	tggagtttgg	agcaagtcac	180
ttctactaac	tagggcttcc	tccttagctt	ataaaatgga	aggggtagac	cagatgaaca	240
tgaggtcttt	tttctcccc	ctctaagagt	aaattgtctc	aacaatttta	caaggtgttt	300
acaaaacaat	acacattcac	ataaagggtga	tgtattttata	tctata		346

<210> 227

<211> 317

<212> DNA

<213> Homo sapiens

<400> 227

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cggaaccag	60
ctaagagttg	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tgttggggaa	ccatggtggg	tatgtgggca	cgttctacac	tactacaagt	180
attgggaatt	tcccagggga	acagcaaaat	cttgtcttat	ttatgttta	ttttaaaaaa	240
ttccactgg	gtgcagtggc	tcacgcctgt	aatcccagca	ctttggggagg	ctgaggcagg	300
cagatcacga	ggtcagg					317

<210> 228

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 228

aagggtttct	ttttctccct	ttttttcttt	ctattgttat	tattttttta	ctgagggttt	60
tgtagctttt	taatcttggtg	gaactcagaa	actcccatta	atacggtttc	atagaaaata	120
gtcgtacaaa	tttgtctttg	catcttctct	gcagaagccc	ctttgccaga	tgaattcaca	180
gagtgttttc	ttttggaatc	cttaggctag	gcttacttat	ttgtgatatt	tgagtatgag	240
tttgntttcc	cactagtata	ttacaacttt	gagggccagg	agctgtttta	tgaatctttg	300
agggccctta	tctcataact	gcgcgggttc	tttattttga	tggcacattt	g	351

<210> 229

<211> 346

<212> DNA

<213> Homo sapiens

<400> 229

ttaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccagg	tgtggtggtg	60
ggcgctgta	gtcccagcta	cttgggaggc	tgaggcagga	gaatggcgtg	aacctgggag	120
gcgagcctt	cagtgcgag	agattgcgcc	actgcactcc	agcctgggtg	acagagcaag	180
agtccgtctc	aaaacaaaac	aaaacaaaaa	agaaaaaaga	aaccaccacc	aaccaaccaa	240
acaaaaccca	aaaaacccaa	agtaacggag	gtggccgagg	gagctgggga	tggggaggga	300
gtccaaacac	ctgggagcta	gaagtttctg	aaaactgtaa	gtcttt		346

<210> 230

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 230

tgtgtgtgtg	tgtgtgtgtg	tccaagggg	tgtgtgggtg	tgtgtgtgtc	ccaaggtgtg	60
tgtgtgtccc	aatggcagcc	tcagggtaaa	ctgagcaaa	aatgaatttt	gacattgctt	120
gggagagcag	aaaagggtct	atgatgagga	tgcaggtctc	agacattcca	gcataggaca	180
gatgagccaa	ccttaagtcc	cagacagagt	ggaggagagt	ctattcccgc	ccctaccctg	240
aggctgattg	tcccagttcc	agaagggact	cccaggaaaa	tccagcctgg	agaggctgcg	300
cccggagcaa	ttaataacag	gacaaggcca	gcgagtgggt	ttgcttn		347

<210> 231

<211> 238

<212> DNA

<213> Homo sapiens

<400> 231

aacatcactg	gctcccattt	ctctgacata	ctaccaacat	ctgttcagtt	ctaccactta	60
cattacataa	aaaccacta	gttcccaggt	tttgaatgta	catatgcata	caggcacaca	120
tgctcgcaca	catatatata	catgcacaca	cacatatata	caatattata	caattgttta	180
gggatttaaa	aagcattccc	tggccaggca	tggtggctcg	gcctgtaatc	ccagcact	238

<210> 232

<211> 376

<212> DNA

<213> Homo sapiens

<400> 232

tactacgggt	gcgacatgac	aacagacagt	ggtattctct	tacggacgac	aggtgccctg	60
ccgcgccaac	aacgctgtat	cacctggagc	tgtgataccg	ccgatttatc	tgccgcccgc	120
atagcctgcc	gtccacgggg	tgtcagcgag	attggaatat	atTTTTtTgca	cctcgcgagc	180
ggcttgggag	agtgaagatt	atcagcttta	tctttccaaa	tggagacaag	tatgtttttc	240
tctctgtttt	agatggtgac	tgtacaagaa	catcttctgg	aatctacgag	agaaatggaa	300
taggtattca	taccactcct	aatgggattg	tctacacagg	aagcggaaa	atgacaagat	360
gaatggtttt	ggaaga					376

<210> 233

<211> 345

<212> DNA

<213> Homo sapiens

<400> 233  
gagtcaccaa gtggccatgt tacatgtgat ctgtgacata tacgatcaga tgttacctgc 60  
atcctagggt cgcctggcat gcccatgagt gacgcttagg accgtgcctg gtgctgggtg 120  
gtggacaatg ctgggccagt ttgccagggt ctatgcctgc cacctctact tttatttcac 180  
cctctggagg cggacgcatt ggaaagcatg tggggcagga ggtgaggaag gaaattcaga 240  
caagctgagc agagcggcca ggactggaat cttgggtgcc aaccgcgaag gtggggaaac 300  
tgatttccat ttcccagtaa ttacagggtca ataccacacc tgaag 345

<210> 234  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 234  
tacggctccg agacgaccac agaagggagc ctgggtgaca gcgagactct atctcaaaaa 60  
aaaaacagat ttctctccta tgagagtttc tggcctttga tgctgcactt tctctttctg 120  
aaacatcaag ggcttttaaa gagggatgga gctgactgcc tggttctgag gcatgaacga 180  
cactggtagg tgagagcaag atggtacaga ggagttcaaa tttgggtcca ccatcctggg 240  
ctccgctgca tagtgttagg cagtcactga gctggttcct tcccaccaca t 291

<210> 235  
<211> 351  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(351)  
<223> n = A,T,C or G

<400> 235  
tttctcttgg cctaatatcc tggctagatt ttggcagttc cccactctag gggcaatgtc 60  
ttttcagcct gcacctctga ctctagctg gatggatgac ttcaggatac acaatagaat 120  
cattcctgtg acttatctgc ccacagtccc aaattcagtt gcaaacttct cctgaaaggc 180  
tgtttttgaa taatgacagt gactggactc accttgcctc tctgcatact attaattccc 240  
ctgccagtca atctcccttt ttttggtcaa agtatagttg tatgtatata gatctctggc 300  
ttagtcccat ctctttcttt cctccacca gntctgtcat taaatgtaga g 351

<210> 236  
<211> 371  
<212> DNA  
<213> Homo sapiens

<400> 236  
ctacgcttgc gatgagacaa cacaacggac tgtcacacac gcacacacac acacacacgc 60  
acacagtcct ttacctctg cttagagttc cccctctcct gcctgtacag atgtctgtgt 120  
tatttgccc catcaaatag gtgaattgag ttgttcatta agggagggga agagctcaga 180  
tttttaagt attatattt tgttttgac acagacattt cctaggaagg aaagtgtttt 240  
tggtaatgga ccacggaatc aaaacagatt actcactgtt tctgtccatt agcgcatacg 300  
atggggagca cctcaaagaa gttagtcag agggataggg gctaaagcat tacattcatc 360  
ctgaaaatgc c 371

<210> 237  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 237  
ggcggcgaat gtgggtgagt ctcttgggcg ccttctccca acgtccctgc cagactcgcc 60  
tccgggctga ttctccagtt ggtttcctgg actccagagt agctgtccgg cctggccccg 120  
gaggtgcaaa gtaagaaaat tgaagtcaaa gaccatggga gatacagcaa gaccttattt 180  
cgtgaagcgc actaaagacc gggggactat ggatgatgac ttcagaaggg gtcacccccca 240  
acaagattat ttaataatag atgaccatgc taaaggccat ggcagtaaaa tggaaaaggg 300  
ccttcaaaaa aagaagataa caccagggaa ctatgggaat acccccagag 350

<210> 238  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 238  
aggtactggc tctcagagag catctctgga ttgcccagg accccaagtc catggcactt 60  
tctgccatga ggggaaggaca taaagacttc tgaatagctt ttgctaccag ctgatcatac 120  
agccctaggg tcttcagcaa acacagctag tagccaaacg gtggttacia cgggcttttg 180  
gcgagactca gtgctttact gacctcaggt ctgacccagc acagtcctag tgggtggtgg 240  
cacaggggta attttgtcac cccacaccca gctccaggca ggttggcaca cacagagaga 300  
gtttccattt aggggggagaa agtaaggaaa tagaacaaga gcctctgcct gg 352

<210> 239  
<211> 372  
<212> DNA  
<213> Homo sapiens

<400> 239  
ggctcagctg attctgggcg ctggatgggc ggccttggca ttaggtccag atttgggtcc 60  
taagtactgt gcccacccgg cccgagggga agggggagga gacaggaacc gcgcccattt 120  
tccggatcag gttcttggaa ccagcccgga aatcctggga ctcaatctgg gggccagatc 180  
tggaggcgat ggtttttcta gagacgggct gatgcagccc cagtatgccg tcgcactcat 240  
ttcccacatt ccaggaacgg tccaggtctg cccttcctcg gtttgggaac tccgagacga 300  
ctccctctct ccacaactgc aggggtgggc gcgctctgaa aacctggcaa agcgaagggg 360  
gtccctcaga cg 372

<210> 240  
<211> 363  
<212> DNA  
<213> Homo sapiens

<400> 240  
cgtccgtatc atgatgtcaa gatatcgaga cccttctgtc taacacggcg aaccaccgtc 60  
tctactaaaa atacaaaaag ctatccgtgc gtggtggggg acgcctgtgg tcccagctac 120  
tccagaggct gctgcaggag aatcgcttgc accaaggatg cggttctttg tatgagccaa 180  
gatcacacca ctgcactcca gcgtgcatga caatgtgaga ctctgtctca aaacaaacaa 240  
acaaaaacaa acaaaaaaac gagacaaggg cattcccccg ggacaggcgg tgagagtggg 300  
gagtatccag aacacagccc cttccttggc cccaggccct ggcgtcggga gtaactgact 360  
tca 363

<210> 241  
<211> 335  
<212> DNA  
<213> Homo sapiens

<400> 241  
aaagatgggt ccttaccttt tgtaatgaaa tatagaaaat acttattgtg actttgcagt 60

agttaaacat	agaaataaaa	catattttgt	acatagatca	gtgggttgat	agactattta	120
tacatgatat	gaaatattga	tgacttataa	aagagaacgt	atcagtgcta	tatgtattga	180
gacatggagt	gagaagcttt	attaaattta	aaaatgtttg	agaatagtg	tgtagagtg	240
acttataaaa	ccaaaacaaa	acaggagaca	aacagaaaaa	gcatacctat	gtgttcatat	300
atttgaaaat	tcttccatga	ctgtaaagaa	aactg			335

<210> 242  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 242						
actttacact	aagctatggc	aaccataagg	aggcaagggc	tgtgatgtga	gtgggtcttc	60
agctaagcta	gagctgccgg	gcacatagca	tgaggctgat	gctaccgtga	gactgtgtgg	120
aggccacac	agtccaagat	atgcacagga	gtctcataag	attaatttac	aaccaagaat	180
tacccaagct	tggatacaca	cccaaaagaa	ggcagagatc	caaacagatg	ttgtacatc	240
agtgttccta	acagcatttc	tcacaatagc	caaaaggcag	aaaccactga	agcgtcttat	300
cgatggatga	tggataaaga	aaatgtggta	tatacata			338

<210> 243  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 243						
gccccttcgg	attctttcta	taagcaaatt	gcgcccttga	cataggcttt	gaatgctttg	60
agagaacctc	tcttcataag	tggaaataaa	atcatgattt	aattgtatca	aacgcattat	120
ggataatcta	tgggatttaa	tgaatcaata	ggtgaggctg	agttggtaag	aagtgaacgt	180
tacttctgca	tttaaaaaaa	tacattttaac	tcaataggaa	gtaacagatg	agtaattgga	240
aaacatttta	aacttgatca	taaagaaata	aaaattggcc	atgtgcagtg	gctcatgtct	300
gtaatcccag	cactttggga	ggtaaggcgg	gcagatn			337

<210> 244  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 244						
tgcatatagt	ttttgtctta	atcagtgagg	tgagtcttaa	ggtaatttat	tgagaacaga	60
gaagggagga	taggttgaca	aacaaacatt	ttcaagtgtt	gtattttgga	aactttatta	120
aatgcctact	caatatcagt	atgtgaattt	taccacacac	aatgaacctt	ttcaatagaa	180
atthttctta	ttactcaacg	taatacacat	gcacatgcgc	acatgcacgc	acacacacac	240
acacgcacat	acacacaaac	ataaccacgc	ctccactact	taagatgaga	gtatagtcta	300
gttaaccagg	aggttatgag	agttcagata	aagtttgtct	t		341

<210> 245  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 245						
tacggctgct	agaagacaca	gaaggggtcca	aggaagtgcac	ataatcaatc	tgagctacat	60

tttctcgcta ttaatctggc agtgctatat ggaaaggaag aaatggggtg tgggagtata	120
gttagaatta tattattgtg gcttaaggct aaggaaacaa tttctgacac tggtaaggga	180
caaaaggtat ggaaagaggt tggaggggac attattgcag aacaatcaac aagattaggc	240
attattggga actggggccac aaggtagagg aagaaagaat gataagtac tctgaggctt	300
tgagcttggg tggctaaaaa tgtatagcac tggaacacag cttttactac gtgatcgctt	360
gtcgag	366

<210> 246  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(122)  
 <223> n = A,T,C or G

<400> 246	
ggtccaatat ggcggcgccc agtggcggtg tgaactgtga ggagttcgcc gagttccagg	60
aattactcaa ggtgatgagg acaatcgatg acagaataat acatgaatta aacactacgg	120
gn	122

<210> 247  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 247	
tttctgtcctt attcactgtt cctcctcaga ttcctagaac tatgcttagc acaaaagagc	60
tgctccataa ctatttggtg aatgaatgag tgaatgatta agtaaataag tgcgggtcctt	120
ctttcctctg ggggtcccatt tgctagcatt gccaggtgt tgtaactgc ttgagatttt	180
ccttggtgaca gcacacagtg tgaaggggaag agaagaggac tgcagtcact gtgtccattt	240
agttcttgtt aaagacttgg ggctgggcgt ggaggctcat gcctgtaatc ccagcacttt	300
gggaagccga ggcaggcggg tcaaaaggtc gggagtn	337

<210> 248  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 248	
ttctagtaac ttgtactttc cttaccaatg atctctttcc tgcgctaagg gttaacttaa	60
acttatctca aagttaattt ataaaaaaaaa gtttgccctga ttcaccttat taccaatatt	120
gttaccatta aaatcagtag taacctggta ctcaattact ctgattagtt ttcttatatc	180
tagagttcac aaaaaacgtg agtgactgcc tgtccttaac ttttcctac atatgcctct	240
tcattatggc ttctgagtga actgtagaat tgctatttta caagtgatgt gaaaacttgt	300
gcagtgtaaca atatgtatgt cacacaattt tacaacatan	340

<210> 249  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 249  
 aacacaccca caccaaagca catcaagaaa ttcaaggatg cctgagaaga aaataagata 60  
 ttacaagctt ctagaaataa aagaatgttc ccatacaaaa gatggagggt tgaaatcact 120  
 ttagactttt aaatagtaac aatggaaata agatacttga gcaatgcctt ccaaaattct 180  
 gaaggaatat tatttttaaaa ttagaatttt atagccagcc aaactatcat cagctgtaac 240  
 agtaaaatga aaataacttta aggctgggtg ccgtgggtca cacctgtaat cccagcactt 300  
 tgggaggcca aggcagacag atcactagag ctcaagaan 339

<210> 250  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 250  
 aaacctcgtc tctactaaag atacaaaaaa actagctggg cgtgggtggca tgcgcctgta 60  
 atcccagcta tttgggaggc tgaggcacag aatttcttaa acctgggagg cggaggcttc 120  
 agtgagccaa gattgcgcca ctgcgtcca tcttggggga cagagcacga ctccatctta 180  
 aatcaaagca agaccaaaga tggcatagaa tcttctctgg aaccttgccg agagggaaga 240  
 gtaacattaa cttcacacgg gccactctgt tcaccatctt tgcttcaaaa agagcctacc 300  
 ctggaaggcc cggccccgga aaccggattt tgggggtc 337

<210> 251  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 251  
 aggctgggtc ggaactcatg gcctcaagcg atctgccccg ctctgcctcc caaagtgctg 60  
 ggattacaag tgtgagccac cgtgtccacc ggggaaggct tttggtcaga acaatggctg 120  
 gcaaaaccac aggcacgga aggccagagc tagggatata atataaatgt ccctacagtg 180  
 taacagatga tgctacataa agaaaatccc gtaatacaca cgatttctga atgtcctgct 240  
 gaacattcgg tgagtgaaaa ctaattatct gagagttgaa cctatctttg ttaataaaca 300  
 caaagcggcc gggcgagtg gctcacgcct gtaatccag c 341

<210> 252  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 252  
 gtatttatta agtatttacc ctgaaataag tactgcacga agcatattca ttcagtattg 60  
 tccagttgct cttagcatga agtcactggg gtcaccttga tggcagtgat gagacaaatt 120  
 acttgtttca cctctttaaa catcagatag attgctgggg acaaagagac agcatggctt 180  
 ccaaccatta cacaagtccc cttctgcag ccaggatcat gtctaggatg atgcagttat 240  
 ggaagacagc atgctgagtt tctattaatt tgatgaatca ccaaattgag accagtggtg 300  
 gtgggtgtcca gggacaaagt gaattgcttc agcag 335

<210> 253  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 253  
 cccaaagtgc tgggattaca ggtgtgagcc accgcgcccc gcctctgaat tacttttctg 60  
 cttactcaaa gattagcctg tattgcggtg ctcacttaaa tccagttgca acattacaaa 120  
 ccagccttat atatttggac atgtttactg tttaatgtac cgtaaaaata ggaaatttgg 180  
 gttgggtgca gtggctcacg cctgtaaccc cagcactttg ggaggcttag gcaggcggat 240  
 cacctgaggt caggagtctg agaccagcct ggccaacatg gtgaaatacc ctctccacta 300  
 aaaatacaaa aattagccgg tctactggggg gcac 334

<210> 254  
 <211> 180  
 <212> DNA  
 <213> Homo sapiens

<400> 254  
 ataggtaaata attaatagca ccaagctttt gtttaagcca aaaacctgag aatcacccctt 60  
 acttctgtct gaaacctcac attctacatc tagccactga aaaagctgct ttgcattatt 120  
 ttcaaaatac attccctagg gccgggagcgt gtggctcaag cctgtaatcc tagcactttg 180

<210> 255  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 255  
 acctcgatag aggtgagaaa ataaggcggg accctctaata attcattgga catctgtgca 60  
 cagtactgtg gtagccccctt tcacatagtt tacattcctg gaatcttcaa aagaatttat 120  
 agaattgctc ttacgccttt ttttattgat ggaataaaac agataagaat accaaagaag 180  
 aggctgggtg cgggtggctca cgtctgtaat ccagcactt tgggaggccg aggtgggcag 240  
 atcatgaggt caggagagcg agaccatcct ggctaacaca gtgaaacccc gtatctacta 300  
 aaaataccaa aaaattagcc aggcattgat gcgccac 337

<210> 256  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 256  
 agtacaccaa aagagagaag gaggaatgaa acttaatat cacctgttaa aaccattaac 60  
 tacaaacctt cttttttttt ttttagaagg gggggtcggc tttaatccca aagggggggg 120  
 ggagggggca ttaatggggg ggcggaaaac ccaatttgcc gggtgaaacc ctttctatcg 180  
 ggctaaaaat tccaaaatgt tggaaaaagg ggggcccccc actccaccgg gataatat 240  
 tggatataaa agaaaaacgg ggtctacggg gggaaccag gggggtgagg attctgggac 300  
 ctatgggaac ccccccccta tatecccaaa agggggggta ag 342

<210> 257  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 257  
 tgatccagta ccactagtag tgacaataga acccaccat tgttctaagt gacaacacac 60



tgatgcaggt	actattat	tctcaa	aa	ttgga	atata	gtcta	at	ttg	ccgac	agctg	120
caaagcagca	gagccaggat	tcaa	acccag	gcagt	tctggc	cccag	agtgc	ctgctt	caaa		180
tcaactacac	tcttctctc	ttata	cttat	tcat	cagtag	atgc	ctagat	gtgggg	cttt		240
acacttcagc	agatactaag	agggcc	atgt	accaag	cgcc	aagt	actgag	gaata	caaac		300
ataaatactg	cttgagggcc	aggcgc	gggtg	gtcat							336

<210> 258

<211> 344

<212> DNA

<213> Homo sapiens

<400> 258

cggggatg	cg	gaagta	cgca	ccacag	ccat	catgca	aggc	tattgat	gct	ctattag	aga	60
ggaatgtg	ca	gactgt	gaca	cacttt	tttgc	cattat	gacc	tgctgc	ctgc	aatgtgt	cca	120
cgacgc	ctgc	atacact	ttta	tcgttc	agat	gcacag	cgag	caggggg	gaga	gatctgg	gtc	180
tttgacc	act	atcttg	agca	gctgtg	ccag	ccccag	gctg	catccact	tc	ttgg	tattg	240
gaaggaca	aaa	gccctat	ttta	cagaca	agtc	tctatt	ccat	gcagct	taat	gcaat	cctga	300
ctcataa	agt	acctcca	aac	caccgc	tccc	cagttgt	tcc	atgg				344

<210> 259

<211> 260

<212> DNA

<213> Homo sapiens

<400> 259

ggacttc	ccct	ctgtgg	ctct	gctcaga	aact	ggcgg	ttttt	cccag	ctcct	tgccc	agacc	60
aatactt	cca	tgctgt	cttc	aagcc	ctgt	tctgc	acat	ctccc	agccc	agatg	gggag	120
aacccat	gta	agaagg	tcca	ctggg	cttct	gggag	gagaa	ggacat	catc	cacag	actca	180
gagtcca	agt	cccacc	cgga	ctcct	ccaag	atacc	caggt	cccgg	agacc	cagcc	gcctg	240
acagtga	agt	atgacc	gggg									260

<210> 260

<211> 333

<212> DNA

<213> Homo sapiens

<400> 260

actactact	tt	catgca	aat	acttc	acata	caactt	gagg	gttac	agaat	ccagat	taag	60
cctctgt	tct	ggaagg	atta	tcacaga	aaac	ccacatt	tac	ttattt	caga	ggggg	tcac	120
tgcttccc	ct	gccctt	tc	ttaata	aaaa	cttcaaaa	aa	acaga	atatt	gtcagg	ccgg	180
acgcggt	ggc	tcatgc	ctgt	aatccc	agca	ctttgg	gagg	ccgagg	cagg	cacat	cacct	240
gaggtc	atta	ctgact	tcta	gaccag	cctg	gccaat	atgg	agaaac	cctg	actct	actaa	300
aaataca	aaaa	attagc	tggg	cgcggt	ggca	tgg						333

<210> 261

<211> 339

<212> DNA

<213> Homo sapiens

<400> 261

agaatgt	ctg	ggtcact	ccc	aggg	tgtaaa	attag	cacag	cccag	catcc	tcact	taggt	60
gagggac	agg	gacgtc	gagt	cacct	ggtaa	gactcc	ctgc	aaaag	aacaa	aagt	ggccac	120
ctgctta	ggg	ctggtg	aaga	agctg	gttaa	gtggat	gagg	tgctg	tatat	agaat	tataa	180
attgtgt	cat	cccaag	gaga	acact	ttaa	aaaaa	gaatt	ttcag	tccac	tgtaaa	aaata	240
tgaggag	gca	agttaa	attg	gataa	ctctg	gaatgg	gtag	aaagat	gtca	taata	acgca	300
cacatgc	aca	cggata	ctcc	caccact	gag	tgtt	acccc					339

[illegible]

<400> 266  
 tacggctgct acaagacaac agaagggact acacggctctg tgccggaaca agagtcttgc 60  
 tcttgactgg ttaacctgcc ttgaatcagg gcattcaggg agacctcaga caggctctgca 120  
 ttgacctatc tccacgcaca aggggcagca ttagttagcc cactgtcctc agggcttcca 180  
 gcaatgagac agctctgtca agagaggcac tgaagagtaa aagtgggtgc ttgttcaacg 240  
 gctttcaatg ggattgctgc tgaacatgag actcactgaa atgccgatgt taatatgttt 300  
 gataactcca aatccatcag gcttgctaag gaataagaga tgtccaaggt ttgcgggtgga 360  
 gaatt 365

<210> 267

<211> 342

<212> DNA

<213> Homo sapiens

<400> 267  
 tgtgtgtgtg tgtgtgtgtg tcccaagggg tgtgtgggtg tgtgtgtgtc ccaaggtgtg 60  
 tgtgtgtccc aatggcagcc tcagggaaaa ctgagcaaag aatgaatttt gacattgctt 120  
 gggagagcag aaaagggttct atgaggagga tgcagggtctc agacattcca gcataagaca 180  
 gatgagccaa ccttaagtcc cagacagagt ggaggagatt ctattcccgc ccctaccctg 240  
 aggctgattg tcccagttcc agaagggact cccaggaaaa tccagcctgg agaggctgcg 300  
 cccggagcaa ttaagaacag gacaaggcca gcaagtgggt tt 342

<210> 268

<211> 338

<212> DNA

<213> Homo sapiens

<400> 268  
 gagggaggat cacttgagcc caggtattcg agaccagtca gaacaatatg gtgagatccc 60  
 cttctctagt tctttctttc ttattttttt ggcgagaggg ggactgagtc tcgctctgtc 120  
 gccacactg acctttatct atactacaaa aacttcacac agcacgttcc tgagcctgcc 180  
 ccacttcgtg gcttacctta acggaattat accaaaccat acctttggac accggcagct 240  
 ctaactcaaa actggcagtc acccgttcac cctttttgag gaatgcatcc cacttcaca 300  
 ggacctttac cgcgttccat cccoctgcct tcgttttg 338

<210> 269

<211> 339

<212> DNA

<213> Homo sapiens

<400> 269  
 ttgggagtca acagagtgat ggagcctgtc ctgtccttgc acttgatctc cacattcata 60  
 gtgtagccct cggccttgac atttaattgc acaggggtgga ctttcttttc cacattgcag 120  
 atcaaattaa agttcgcata tccttgctgc tttggagtga agaaaatatc aattgggaac 180  
 ctgggttgggg aacaaaacag cagattacct gactaggcca acttgtcaaa accttaaaaa 240  
 atatgagcct actgaattag cagattcatt acgaggaaaa ggaaactcca aattatgatg 300  
 acattttaag atttgtggct atagtaacca aaacagcgt 339

<210> 270

<211> 331

<212> DNA

<213> Homo sapiens

<400> 270  
 atggccctac ccactgctgc tttgggtccag gagcattgat gcttctcggc tctcctctct 60  
 cccctaggcc tgcaggacaa gctgaacaag agggactaag aggtgacagc cttgacctcc 120

cagaccgaga	tgctcatggc	ccaagtaagg	ggtaaggctc	cctcccgtag	ggcagatgcg	180
gggggctttc	actggggccg	tgccattcag	ctgccaatta	agcatggagt	gggtcagggc	240
ctggcttagg	gtcccctccc	cgactctgct	ttgagaagaa	aagggctggc	tggtcgcggc	300
ggctcgcgcc	tgtaatccca	gcactttggg	a			331

<210> 271  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

<400> 271						
cttctgttgt	agccctaggc	aatctcgagc	cacagagacg	tccccgctga	cgagaaggaa	60
gtcctacgac	cgagggcagc	ccattaggtg	agatcatgtt	ctagaatctg	ctccagagtc	120
accaccagtc	tagttcttgg	ttacatgagt	ggctatgatg	ttctgctctg	ttgatcatct	180
tgtacacagt	gtaacctggg	ccagcttgac	tgagccattc	aggttcaccc	agtgg	235

<210> 272  
 <211> 151  
 <212> DNA  
 <213> Homo sapiens

<400> 272						
gctgtcgacg	tgttcttccg	gtggcggagc	ggcggattag	ccttcgcggg	gcaaaatgga	60
gctcgaggcc	atgagcagat	ataccagccc	agtgaaccca	gctgtcttcc	cccattctgaa	120
cgtgggtgctt	ttggccattg	gcattgttctt	c			151

<210> 273  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 273						
gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttggggttt	60
taaagtcata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagtcc	agtggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatcacgg	atatatttgt	gtttaatccc	180
agcactttgg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttaa	gaccagcctg	240
gccaacgtgg	tgaaacccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttggg				325

<210> 274  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 274						
gaaagtctac	ggagcatttt	ctggggaata	taattttaaa	ataagattaa	atatcacata	60
aaataaatac	aaaactagat	agtaaaattc	tgaaaaaaa	aaagaataag	cctgaccaga	120
tactacactg	aattgcaaaa	tcattgatat	ggttggaaac	aggggcacaa	aaagcagaca	180
tgtcaattga	gtaaaataga	gcatactgaa	ctagggtaaa	ctcacatgag	aatttaataa	240
ataataaagg	gggcttttaa	atgaggggga	taaagaagaa	ttattttaata	aaggggggttt	300
gggtcaatgg	gctagccatg	gg				322

<210> 275  
 <211> 135  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(135)  
 <223> n = A,T,C or G

<400> 275  
 aaactctggt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt 60  
 cctatcacat cactagcact tagtacagaa ttgggggcct aaaaatattt ggcaatgatg 120  
 acctgtgttg ctttn 135

<210> 276  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 276  
 gacaaaaata caagttcaat gaatgacgca gcagctctga gaggaacata aggaaaacac 60  
 ccaagccgga gtctctcaca agcttgaatg tgtgttctgg agctgaagga tgcacgggtg 120  
 ttaagcccct gttcttttcc gttgtttaat ctaatgttct ttggaataaa aacctccctg 180  
 ccaagtagta cttgggttta tgctcaacat gctttgactg ttgaaaagag acctttggca 240  
 cacattgaag ggatggatgat ggagatgcc aatccatggaa tcaggtggca cagctatgtt 300  
 ggtagctata gcagaagtct tcttggg 327

<210> 277  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 277  
 tattaataat gctaaacact taccagcttt gtaactttag ctatctatca ccattgagtt 60  
 gtttcctaatt ctataaaatg gtggtaatcc ctacatacagac tgtggaactg atgaaataat 120  
 atggcatatg taaacatttg gttcaagacc tgctacattg gatgaggaat gtcaacagta 180  
 aagtaaaatt ttgatctttg agtgtgtagt gagcttgta ttgactttc tgtggattct 240  
 atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgcagtgg 300  
 ctcacaccta taaccccagc actttggg 328

<210> 278  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 278  
 atttgtaact cacagggcag aataacagct ctagagctca atttatctgg aggagattca 60  
 gcacacctgc ttctcttttt ccactggcat ggctcttggg gcaaatttgt atttatgtaa 120  
 tagttagaaa ttaaacatca gcaccaacgg aaaaatattc aacgcctttt attaaacatc 180  
 aaacaacttt gtcaatggga aaagctgccc caactggttt agatcttacc tttcaacatt 240  
 gttgtcaaag tacctttcca ctctctggtg atgtctttga gagggtttgc ttattggacc 300  
 tacaactatc ttcccggatg gaggttgcct 329

<210> 279  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 279  
 cggggcgtga acccgaggagg tggagcttgc agtgagccga gatcgcgcca ctgcactcca 60  
 gcctgagtga cagagcgaaa ctctgtccca aaaaaaaaaa aaaaaaaaaa aaaaaaggg 120

ggggggtttt	ttcgtaaacc	ccaacgtgaa	aaaaaccttt	gggggggttg	gcacaccccc	180
ccttaaaggg	gggggaaaaa	aaggcttttt	ttggaaaatt	gggggggctt	ttgttttttt	240
ttgaaccctt	taaggcggca	aaaaacaggt	taaccaccac	ctttggtttt	tttttagggt	300
gga						303

<210> 280  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 280						
gagccaccac	tcttgcccca	aagtcaatac	attttaaaaa	aaaacctctc	cagtggctaa	60
gcccagcatt	gttatatgat	taataaataa	aatattgaca	tcgagggttg	acaaacctag	120
tacttttttc	tgaaatcttc	agtgtgtgtc	gtgagtatat	ttgcactgtt	atgtaccagc	180
aactgtgcac	ataacaactg	gtatgatcaa	taagacatag	tctcgcgcag	ggccagggtgc	240
agtaactcat	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggcaga	tcacttgaag	300
tcaggagttc	gagaccggcc	ttgccaag				328

<210> 281  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 281						
gtagaagcta	tatgttggtta	ttgtattgct	atztatctac	ttaaataact	cttactgtag	60
tatgtattgc	tcaaggacag	agattgtggt	gtcatctttt	gtgttatccc	acttagcata	120
gtttctaagc	aaatagtata	gttctttcat	atatgtttat	caagtaaatg	aatttgactc	180
tacctcctaa	tgaactattc	agaaattcat	gtttacgatt	ttagcaatga	gaacaccaag	240
acttagcaat	agagtatcaa	agataataca	actagggagt	agatctaaaa	taagaaa	297

<210> 282  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<400> 282						
atccacgtga	tactaagtgt	aaacccttac	gcttgtaact	cttactcaac	cattaacgac	60
cgcaacaaag	caaattaaaa	gaacattacg	attccagcaa	cattcagggtg	aacatgaatg	120
tgctcttcac	tgttttactg	atatggaatt	gtacaacgt	gaaggctctg	actgttagtg	180
gcccacccac	ttttgagttt	aagcaaacta	gattcacttg	ctgtgggatg	acctgatgct	240
cttctgccac	ttttcaaata	actacaaagg	ctttgtt			277

<210> 283  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 283						
ggaaaggagg	tagaaggatg	agaccctaac	acctggtttc	tccttcact	tcaggcattt	60
gtcagattct	tggactgcat	tgagtagggg	aataagaagt	tgggcagaaa	ttccctaaca	120
tatgtcctgg	tttctcaggg	ctaaagagga	aaacactgaa	tttcaaggcc	caaccaagtc	180
aaggggcccc	ttagtaaata	cactacactt	tgggctgggt	gacctcaagg	ttcacaccta	240
aggtaacatc	aaggcgatcc	agaagtagat	cttaaagtga	gctcaatctt	ggctgggc	298

<210> 284  
 <211> 326  
 <212> DNA

<213> Homo sapiens

<400> 284

agagacaggg	tttcaccatg	ttggccagga	tgggtctcaat	ctcttgacct	tgtgatccac	60
cctcctcagc	ctcccaaagt	gctgggatta	caggcatgag	tcaccatgcc	tggcccacag	120
tgacccttta	aaggaaaatg	ggagggacct	acctcgagg	ttgtgcagaa	aatgttggt	180
tcccagcac	tagggtttgg	ttccctccta	ggctctccca	cagctgtgct	ttgacacata	240
agcagcttct	attaaagtgc	ctctttaatt	tgtctgtcat	tgccaccaga	ccacaagata	300
ctttggggca	gggctgtatt	tcattg				326

<210> 285

<211> 328

<212> DNA

<213> Homo sapiens

<400> 285

gtatttatta	agtatttacc	ctgaaataag	tactgcacga	agcatattca	ttcagtattg	60
tccagttgct	cttagcatga	agtcactggt	gtcaccttga	tggcagtgat	gagacaaatt	120
acttgtttca	cctctttaaa	catcagatag	attgctgggg	acaaagagac	agcatggctt	180
ccaaccatta	cacaagtccc	ccttctgcag	ccaggatcat	gtctaggatg	atgcagttat	240
ggaagacagc	atgctgagtt	tctattaatt	tgatgaatca	ccaaattgag	accagtgggtg	300
gtgggtgtcca	aggacaaagt	gaattgtg				328

<210> 286

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 286

ggcagcatga	atcataattg	tcaggaaaaa	cttcatagat	tccgctatag	tatctccggt	60
attgtatcag	gacaatctat	aagacatttg	gagctacacc	agttgaaagg	tattggctca	120
gtcagccccc	ttattcagtt	ttgtaaatta	gggggccact	tgaagaaaat	tctatggttt	180
atgctaatac	acatgtagct	gaaaatataa	ttacatttaa	aatctgttga	atttaaattt	240
actacagttt	tttttaaaga	tcatgctatc	cttcagtcag	tcttgcagca	attttccaac	300
tcaatgtaga	actaccaatg	aaaagtgn				328

<210> 287

<211> 331

<212> DNA

<213> Homo sapiens

<400> 287

tgagcttttc	attacattgt	tgaaagatga	agaacgaaag	ctacttggtg	atcagatgag	60
gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggtttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttgcccctc	tattcaaatt	180
aaccttgaaa	tatatattgag	gattctctct	tgttttaatt	aacacttggtg	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcagttatgc	tctggagctc	300
tgccaagcca	atgattagta	cagattcagt	c			331

<210> 288

<211> 329

<212> DNA

<213> Homo sapiens

<400> 288

agttttcata	ttccttagtg	ttatcacact	ggtgcactta	ctgttttacc	attttccctt	60
ccgatttcat	ttttctgtta	gcatttacta	ctatctaaca	tatattttac	tcatttgtct	120
gtgttcccc	tcaaatata	acttcatgag	gggagggtt	ttctattaca	cttagtgaaa	180
agtaaattccc	tcaagtagga	acactacaag	tatgcacagt	ttttttttta	cagtaagttt	240
gcttaatggc	tagtaacta	tctcagccag	tacctgagt	actattctga	cttgtatcat	300
ttaacaagaa	aaaaggcctg	gcgcgctgg				329

<210> 289

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 289

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atcccagcac	180
tttgggaggg	tgaggcggtt	ggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtga	tggcatgccc	300
n						301

<210> 290

<211> 328

<212> DNA

<213> Homo sapiens

<400> 290

gaggaagagg	ctgggggaccg	cggcgaaggt	ggtgagtgt	cttgggcgcc	ttctcccaac	60
gtccctgcc	gactcgctc	cgggctgatt	ctccagttgg	tttcttgga	tccagagtag	120
ctgtccggcc	tggccccgga	ggtgcaaagt	aagaaaattg	aagtcaaaga	ccatggggaga	180
tacagcaaaa	ccttatttctg	tgaagcgcac	taaagaccgg	gggactatgg	atgatgatga	240
cttcagaagg	ggtcaccccc	aacaagatta	tttaataata	gatgaccatg	ctaaaggcca	300
tggcagtaaa	atggaaaagg	gccttcaa				328

<210> 291

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 291

ggacgttgct	gacggctagt	gaggcttttag	cccgtttcga	gcgccccggg	gcggtaaggc	60
gcgatcatag	cagctctagg	tgaccttggt	ccggctcctt	gcgccccctt	gccccagcct	120
ccttcgttga	gacactattt	gttgagtctt	tcctcttttc	ctggccctga	cctagcggtg	180
ggcgacataa	gagcaatagc	cgggtggggg	ctgtgagaac	ggctgggggt	gggagcgaat	240
ttcgaaacc	cggaggacga	gtatagcctt	gcaagatgga	aaatgccctc	ccgggctggc	300



gcggtggcct gtaatcccac ctactn

326

<210> 292

<211> 324

<212> DNA

<213> Homo sapiens

<400> 292

aaaaatccta	acggctcaaa	gaagtttgc	aagggtcagg	aagcagggga	tacacgggccc	60
tctcctaccc	gtgtaggagg	caggaagggt	caaagcagag	gccagctctc	ccagactgtg	120
ggggaagggc	tggggggggg	aggcccacga	ggactggcca	cagccaccat	gcaggaacgt	180
cctggtgtgg	cctggcctgg	ctctcacaga	cccaaagctt	ccgtggagaa	tatgtctgtg	240
gttattaaac	agacaggcct	agtggaaaca	accctgccac	ctgcgtgttc	tctgagcctc	300
agttttcttc	tttgggaaag	agga				324

<210> 293

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 293

ttatgagggt	gattaaaacg	tcctaaactt	agatttgtgt	gatggttgca	aaacottgtg	60
actacattaa	aaagcattga	attgcacact	ttgggtgggt	gaactttatg	gtatgtaagt	120
tatatctcaa	taaaaaattt	tataaactgg	tttattccaa	tggtagactg	aaacaaaatg	180
aaagtgtaac	atattttgaa	cttcaattga	attataaggt	ctttttttta	catgataaaa	240
taatgtgcat	tatagcccaa	atgtaataca	ttattcaatg	atatatttcc	aagaatgctc	300
cttagctcag	tgaatgagn					319

<210> 294

<211> 318

<212> DNA

<213> Homo sapiens

<400> 294

ttttagtgtg	gtagtcaaag	cattaatttc	tcacattgca	atttccttca	aagacataaa	60
tacaaccttt	ctaattgactc	cttggttcac	aagatacctc	ttcaaattat	tctatttgtt	120
tcattcagta	tattatctgt	gtataccgat	attacactct	tttctttttt	tgagatggaa	180
tctcattctg	ttactgatgc	tggagtgagg	tggcatgacc	tcggttcact	gcaacctcca	240
cctcccaggt	tcaagcgatt	ctcctgtctc	agccccccaa	gtagctagga	ctacaggtgc	300
acaccaccat	gcctggct					318

<210> 295

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 295

gatgctttgt	accagtacca	aaatacaagt	tcaatgaatg	acgcagcagc	tctgagagga	60
acataaggaa	aacacccaag	ccggagtctc	tcacaagctt	gaatgtgtgt	tctggagctg	120
aaggatgcac	ggttggttaag	ccctgttct	tttccgttgt	ttaatcta	gttctttgga	180
ataaaaacct	ccctgccaaag	tagtacttgg	ttttatgctc	aacatgcttt	gactgttgaa	240
aagagacctt	tggcacacat	tgaagggatg	gtgatggaga	tgccaatcca	tggaatcagg	300
tggcacagct	atgttggtag	cn				322

<210> 296

<211> 318

<212> DNA

<213> Homo sapiens

<400> 296

cttgagcacg	cacacaccac	ttcttcaatg	ggtgtgaact	agtgcattgt	taaccttcta	60
ggtgacaaaa	aggctttgtt	tgtctgcatg	atcatctctg	ggaagcggcc	agcgtcttaa	120
atttgaatga	ggatcttcac	tgaagctcat	acttataatc	aaggagatca	ctgctaagaa	180
cgggaatttg	tcctgcgttc	tgggactaac	atacagagag	catctgattt	cagtcacggg	240
ttgccactac	cctataatga	gagcagctct	atgttataaa	agaacgaagc	caactatatt	300
ctctgacgga	taaacatt					318

<210> 297

<211> 317

<212> DNA

<213> Homo sapiens

<400> 297

caaaaataaaa	ataaaaataaa	ttagctgggc	gtgggtgacgc	acacctgtag	tcccagctac	60
ttcagaggcc	gaggtgggag	gatcacttga	tcctgggagg	tggagggtgt	tgcgaactga	120
tatggcgcca	ctgcccttca	tcctgggtga	cttagtgata	ccccagctc	taaaagtctt	180
catgtatacc	ttatctagga	tgaatggatt	cttatgcata	ctgggcatac	atgtagagct	240
ttgccgcatt	gacctattgt	ttacgaatct	aatacacgat	gtggatcctg	gggctgaaca	300
cttaattgat	tagggag					317

<210> 298

<211> 323

<212> DNA

<213> Homo sapiens

<400> 298

gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttgggttt	60
taaagtcata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagtcc	agtgggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatcacgg	atatatttgt	gtttaatccc	180
agcacttttg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttcaa	gaccagcctg	240
gccaacgtgg	tgaaacccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttg				323

<210> 299

<211> 320

<212> DNA

<213> Homo sapiens

<400> 299

gttcaccatg	ttgggtcaggc	tgggtcttgaa	ctcctgactt	caggtgatcc	acccgtcttg	60
gcctcccaaa	gtgctgggat	tacaggcgtg	agcccacgcg	gcctgggttc	ggaattgcat	120
cttaatctct	gtggcggtctg	ctattttgtt	ttctaagttc	atgagcacag	gtggctgcct	180
ctatctttct	cctccactta	agcaggaaca	attcatgagg	cagactccac	ccaatgctgc	240
aaatcggccc	tattatcatt	gacctgaca	gaatttcagg	agtgtcaggc	cactccatac	300

tggaacacagt acagggttgt

320

<210> 300

<211> 318

<212> DNA

<213> Homo sapiens

<400> 300

gatgctttgt	accagtacca	aaatacaagt	tcaatgaatg	acgcagcagc	tctgagagga	60
acataaggaa	aacacccaag	cggaggtctc	tcacaagctt	gaatgtgtgt	tctggagctg	120
aaggatgcac	ggttggttaag	ccctgttctc	tttccgttgt	ttaatctaata	gttcttttga	180
ataaaaacct	ccctgccaag	tagtacttgg	ttttatgctc	aacatgcttt	gactgttgaa	240
aagagacctt	tggcacacat	tgaagggtatg	gtgatggaga	tgccaatcca	tggaaatcaag	300
tggcacagct	atgtttgt					318

<210> 301

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (317)

<223> n = A,T,C or G

<400> 301

ccttgctaac	tttattttcag	aaagtggtaa	aatagctatg	gagtacagac	ccagtgaaga	60
gattgtagat	gtcagatggg	aagaagaact	acacggttta	atataagtat	gtggagataa	120
aaactcaaag	gtaacagggc	cgggcacagt	ggctcacacc	tgtaatgcca	gtgcttttgg	180
aggctgaggg	gggtggatca	cctgaggtca	ggagttcaag	atcagactga	ccaacatgga	240
gaaatggtgg	cacatgcctg	taatcccgag	tactcgggag	gctgaggcag	gagaatcgct	300
tggacccggg	aagcggg					317

<210> 302

<211> 346

<212> DNA

<213> Homo sapiens

<400> 302

taccgctgcy	agaatacgac	agaacggcca	tctttctacc	atatgctagt	aatatatggc	60
tggaaatgctg	gtatgggaat	tactccctc	tttgctgaaa	tagttcatct	cttgtgtcct	120
tttccccctt	ttattcttct	attcttctta	gcctaagtga	tggctgcgat	tggattcaca	180
agggttgatat	tctactcgg	ctcatgtcca	cccacaagca	gagaggagcc	catcatcatc	240
atttgttctg	aatctgaatc	ccaagcacga	aaaataactc	caaggctctt	acttaagctt	300
gcgagtctgc	tctgtcatgc	ggagagtcca	ccaccctgac	tggatg		346

<210> 303

<211> 322

<212> DNA

<213> Homo sapiens

<400> 303

tagttgatgt	gcccactctgc	cccacctctg	cctggctgta	cttgtagcta	gtacatgtat	60
actatatatg	tgcccgactg	tttcattgta	tggtccagga	tggtcatgcc	tgagtttttt	120
tttttttttt	gggggggggt	attctacttt	ttttgccgcg	tttgaagtgc	ggaccataaa	180
taacgtttta	aagcctcaaa	attttaacct	taaggggatt	aacctattta	atccttttgg	240
tttgtgggtg	cttgggtacct	gccctaccag	gcgggggaat	tttttaaaaa	ttttttgaaa	300

aaaggaatt ttaagttctt ct

322

<210> 304

<211> 316

<212> DNA

<213> Homo sapiens

<400> 304

aagttgacct	catcacctca	gaaaatcagg	gataaaatct	gtctttatat	tgtttcaggg	60
acttgggtat	cagagacatt	atttgtttat	caagacctaa	caaaacactt	tcttattctt	120
taaaatttct	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgagaatat	tattaccttt	180
cacagagctc	ttttttaaac	cttgatgtgg	aacgcacaca	gtgtgacacc	atgtgtgcgc	240
cccttcacac	tcgaaaacgt	tataggattc	attcagactc	tttttaaagc	acaacattgg	300
ggcagagaaa	gccacc					316

<210> 305

<211> 289

<212> DNA

<213> Homo sapiens

<400> 305

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaatt	agaaaaaatt	agaaaccagg	catggtggct	catgcctgta	atcccagcac	180
tttgggaggc	tgaggcgggt	gggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtg		289

<210> 306

<211> 315

<212> DNA

<213> Homo sapiens

<400> 306

tagtcccttg	ttctgaacat	ggtactgaac	gtaaactttg	atgtattgat	gccctccagg	60
gctgtaaaat	tgtgtggggg	ttaccttatt	ctttcactga	attttaccaa	ccattttgcc	120
agagtgtttg	gcgctgacat	tgatattctc	gggcctcttg	aagtgtatag	agccctttgc	180
ccccaggcta	acatgcctta	catggctgta	ctgctctgca	tagtgctttt	cctgtgcctt	240
cttgtgattg	cctctgttct	ctatgggcac	tcctcattct	tgttggtggc	taccttttgt	300
cccaacaacc	tgacg					315

<210> 307

<211> 287

<212> DNA

<213> Homo sapiens

<400> 307

tcttgggcgc	cttctcccaa	cgtccctgcc	atactcgctt	ccgggctgat	tctccagttg	60
gtttcctgga	ctccagagta	gctgtccggc	ctggccccgg	aggtgcaaag	taagaaaatt	120
gaagtcaaag	accatgggag	atacagcaaa	accttatttc	gtgaagcgca	ctaaagaccg	180
ggggactatg	gatgatgatg	acttcagaag	gggtcacccc	caacaagatt	atttaataat	240
agatgaccat	gctaaaggcc	atggcagtaa	aatggaaaag	ggccttc		287

<210> 308

<211> 207

<212> DNA

<213> Homo sapiens

<400> 308  
cagggcagcc tgcaaccaca caggttgcat cccatgaagc tggccccgga tatgtgtgac 60  
ttgctgtcac ttttggttc aacaacagac aacttgactc aaaatggctt gaggggactt 120  
actacttcat gccaaagaaa gcctggaggt agggcaggtc cagccacggt tggttaaaat 180  
tcagctgcc aaccatgcc tgaaggg 207

<210> 309  
<211> 319  
<212> DNA  
<213> Homo sapiens

<400> 309  
gagaggaggc tcagggaag gtgaaagatg ctatgggctg gttaactctg caaaaggaaa 60  
aactacagaa gttgctaaa gattcagaga atgataccta ctttaaaaag tataatagcc 120  
tgctgtcctt tatggagtca ttcaatgaag aaaaaaagtc ctttttggat gtcctgtcaa 180  
taaaacggga tctggatgag ctggacaagg atcatttaca gttgagagaa gcctgggatg 240  
gcctcgatca ccagattaat gcatggaaaa taaagctaaa ttatgtcttg cccccacccc 300  
tccatcaaac tgaagcttg 319

<210> 310  
<211> 315  
<212> DNA  
<213> Homo sapiens

<400> 310  
atttgcaaat tttggggctg catgtgaggc tgggaagggt gaccacagagc ttctaaagta 60  
caaaatgaaa tctctcacia cctgatggta tttggatagc atataccac cagaggaaca 120  
ggcttttate tagcatacca caggtctccc ctttagcaca tctgtgctca ttttgaaact 180  
gtatagggaa ggacattagg tggctgggag aactctgaag gacagacctg gatctcctgc 240  
caccttccaa aggtgaaaca acaaaaatcc gccaggcttt cagtcagaag cccggaaggg 300  
ccactcccaa ggaac 315

<210> 311  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 311  
aagttttgga gagggggggg tctcactatg ttgcccaggt tggctctgaa ctccctaggt 60  
gaagcgatcc tcccaccttg acctcccaa gtgctgggat tacagtttg agccaccgca 120  
cccggcctag tctttaaatt tagagcctca ttgatataaa gggcgaagaa aattaagtgt 180  
tgtaaccagg tagccgggtg tccaggagaa tgatggatct gtcagaaatc catgggtggg 240  
ttcgagcttt ggtcccatct tggactcaat cgttcatggc cagacgcctg gcaaggagcc 300  
caaactacgc cagaagtgga cct 323

<210> 312  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 312  
tgggtacggc tcgcaaaaac cacacaagggt gtccgggttg aaaacaccac ccaaggggtc 60  
cggtgggaaa acaccacata aggggtgccg tggtaaaaca ccacataagg ggacgggtgg 120  
gataacacca cagatgggga cggctgctat aatacgacag atgggcacgg ctgccataaa 180  
accacataag gagaccgct gttattagac cacataagg 219

<210> 313

<211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 313  
 gttatctgaa attcaggcac tgcattgcaca aatgaatggg aggaaaatta ctctgaatgg 60  
 agaacgagag agtgagaaac caagccaaga actcttggaa tataatatac agcagaagca 120  
 ggctcaaattg ctggagatgc aagtggagct tacaagtatg 160

<210> 314  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (308)  
 <223> n = A,T,C or G

<400> 314  
 ggaagttagt gcttaagggt aatagacttt tttcttttct tttctttttg agacagagtc 60  
 ttgctctttt gccagggctg gagttcagng ncgcaatctc ggctcactgc agcctccgct 120  
 tcccaggtgc aggcgatcct ccttgctcct cacaggggag gctaggcagg ataattcggt 180  
 ttccaggagc cctctcttgg gggaaacacc tattttcccc ttaacatttg ggggaacaaa 240  
 aaggggagttc ccgttaaaca ttgttgctg gggatgaggc gccacattg gctcccttac 300  
 cctccgtg 308

<210> 315  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 315  
 aaatgcctgc agggaccccc ggactagaca gccctcagcc ttcattggggc cgggggggcag 60  
 tgggcagctg ctcttgaaca acaggcaatt gttaccttgc aagaaagcag gctcagcgtg 120  
 tcagacactc ctgcttttca agagaagctg gaagttcagg accagcctgg ccaacacggt 180  
 gaaactcgat ctctactaaa aatacaaaaa ttagcggggc gtggtggcgc atgcctgtaa 240  
 tcccagctac ttgggaggct ggggcaggag aatcgcttga acctgggagg cagaagttgc 300  
 agtgagccga 310

<210> 316  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 316  
 ccttgctaac tttatttcag aaagtggtaa aatagctatg gagtacagac ccagtgaaga 60  
 gattgtagat gtcagatggg aagaagaact acacggttta atataagtat gtggagataa 120  
 aaactcaaag gtaacagggc cgggcacagt ggctcacacc tgtaatgccg gtgctttggg 180  
 aggctgaggg ggggtgatca cctgaggtca ggagttcaag atcagactga ccaacatgga 240  
 gaaatggtgg cacatgcctg taatcccagc tactcgggag gctgaggcag gagaatcgct 300  
 tggacccggg a 311

<210> 317  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 317  
agacaaaact attattcaac tcaacagggg gccttttttt tctatacccc cagccttgta 60  
aaaacccttt ggtgggtggg cccaccccc acttagatgg ttgggaaaaa ttggtttttt 120  
tggaacttg ggggcgcctt tgggtttttt ggaccctta ataggtggcg aaaaccggct 180  
accccccgcc gtgggtttct tttttatttc cagggtcgg gggggggggg gggggtgat 240  
cacctgagat caggagtcca g 261

<210> 318  
<211> 310  
<212> DNA  
<213> Homo sapiens

<400> 318  
ccaccatgac tggcaaattt tcgtattata agtagagata gggtttctcc atgttggtca 60  
gactggtctt gaactccgc cctcaggtga tctgcccgcc tctgcctccc aaaatgctga 120  
gattacagat gtgagccact gtgcccggct gcctgagaca ttttgggcaa cagccgtgac 180  
agaagaaacg tgcattccct ctgtgcaggg gatttaagaa gtggctcatg gctgattatg 240  
atttctttgc tccgtttctg gaactgcggg agcatcttct gggataaggg tctatctgtt 300  
tgagtctctg 310

<210> 319  
<211> 307  
<212> DNA  
<213> Homo sapiens

<400> 319  
tgagcagaaa aggatagagt gtgacctgcc aagagatact ggacagtggc ctccactttg 60  
tgtaccggg ttggccattc tccttatcgg cacagtcagg ataagaaaac tctaagttta 120  
ttcggatccc ttggaggaca ctctacatg ggaacaattg cagctgtcat cttggacttt 180  
acttcccagc caactcagtg gggaaaaggg ggagcattct ggggacctct gtagaggggc 240  
ttcaactcgg atagattccc aatcagagtg aagttcaact tcctccagga tatttctctc 300  
ccctggg 307

<210> 320  
<211> 303  
<212> DNA  
<213> Homo sapiens

<400> 320  
ggagcctttg actatgctga gcctcacagt attccaggag gggatatagta agtaacagct 60  
ggttctggga ccacttttgc tcagagcatt ctgtggaata tgggtctcca gaacattctc 120  
tgagaactat tactcaatct atttaaacac acaaataata ctctgtataa gagggaggac 180  
actggctggc cgtggtggct cacacctgta atcccagcac tttgggaggc tgaggtggac 240  
agatcacttc aggctggag ttggagacca gtctggccaa ctctgtctct actaaaaata 300  
caa 303

<210> 321  
<211> 295  
<212> DNA  
<213> Homo sapiens

<400> 321  
cattacgcc acactctgca actaacagaa atatctctc tcccctgtat atgttaggac 60  
caagaataaa atcaaactg ttgaggacat gtcagctagc ctgggatttc caagataccc 120  
cggttggtaa gaactacttg gggtgccctc atctggagat tctggcttag tagatcagag 180  
gtgggcctga taatttatat ccatgagcat accaggtaat tcttataact aagcgagttt 240

tggaaaacac aggggtcatc taggccagca aaggtttcct gtcccagagt gggca 295

<210> 322  
<211> 304  
<212> DNA  
<213> Homo sapiens

<400> 322  
tgatccatcc actgaattct ctcagagaaa tgagaactca gagccataag cctgctagga 60  
atttgcaaga atcttgggaa gtgcttcata atccccaggt tgtagaatgg aggttccagg 120  
caatactcta tggacttcaa aatacaggaa gacctcagat gacacaggat acattccaaa 180  
tttgagaac tggactcagt ccattcagtt gaattccaac agttttcaaa tttgttaaag 240  
tacaaatatt ttgattcatt gtattaaaaa gtggttatag gccaagcgcg ggggtgcaca 300  
ctgg 304

<210> 323  
<211> 321  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(321)  
<223> n = A,T,C or G

<400> 323  
tacggctgca agnnnnnnnn nnnnggggagc ttgtccttct catacttcca ctgggagAAC 60  
tcagggtcca attaaactcc agaaccaggt gagctgcacc ttctcaggta tcaaaacaca 120  
gggcccgcga ggcacggtgg ctcacacctg taatcccgtA agtttgggag gccgaggcag 180  
gtggatcacc tgagggtcagg agttcgagac cagcctggcc aacatggtga aaccgcttct 240  
ctattaaaaa taaaaaaat tggcctggca tgggtggtca tgcctgtaat cccagcactt 300  
tgggaggccg aggcgggagg t 321

<210> 324  
<211> 286  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(286)  
<223> n = A,T,C or G

<400> 324  
tgaatatttt gatcaatgaa gtcatacact taacaatagc tatcaatatt gaggagctat 60  
aaataaattc taattttcac aaaactcagt aaggatatga atacaacctc cgctttacaa 120  
tgagaaaaat aagtcttact gattcggtga tttaatccat atcagagtta ataacctctt 180  
tttcattaaa attggtcctt tagaaacaca cctgcagctg ggcacggcgg ctcacacctg 240  
taatccagc actttgggag gccgagacgg gcggtacc tgaggn 286

<210> 325  
<211> 284  
<212> DNA  
<213> Homo sapiens

<400> 325  
tgagcttttc attacattgt tgaaagatga agaacgaaag ctacttggtg atcagatgag 60



gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggtttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttgcccctc	tattcaaatt	180
aaccttgaaa	tatatttgag	gattctctct	tgttttaatt	aacacttggtg	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcag		284

<210> 326  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 326						
tccaccactc	ccacacagca	tgcacacacg	gttggacctg	agtgtctcctg	atggaaccca	60
ggctgctctg	tgccgctgta	ggatatcccc	ctgcttaagg	actttcggtt	catctcagac	120
cacatctggc	ccgcagttc	ctctgatagt	ttcccttctg	tatcactgag	cacatttggg	180
gcagctcgtc	cgtgagcatg	cagtctgcac	gtgtgggggtg	aggggtggggc	gcacacaggc	240
tgtgcctgtg	ctctggactt	gtacaga				267

<210> 327  
 <211> 465  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (465)  
 <223> n = A,T,C or G

<400> 327						
ccttactcag	aaaccacaca	agcttgcttg	ttgtgttttg	tgaancggc	ctaccgttgc	60
gctaatacaa	cagaagggca	tctctcttca	tgaagggcac	atacacacac	acagttaagg	120
tgctgaggaa	actgggagag	ccaatttgac	ctggccttta	ttttgcacaa	gagtaactga	180
agcttcaa	acaatgtgtg	ttacatagga	accaattatg	tatgtaggat	taataaagat	240
aggagaccta	aggccattta	catgagggca	agaatagtaa	ccttttgatc	cagagaggta	300
gttttaaaaa	tagtaagggtg	ttaacatata	caaataataa	agttggggct	ttaaacattt	360
gaatttgaag	gctctgagtc	atgggattaa	cctttgtacc	cagggcacag	ggaaaggcta	420
cccttgtgca	taagggtattg	aggaagcttc	ctggcagtaa	ttccc		465

<210> 328  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 328						
ggcacgaggc	accttacaga	cagtggaggg	gtgtcccctc	ccacaggcaa	gaaccagagg	60
cccaggctgc	acaccattt	cagccatcaa	gaaccacac	agacggcagg	gaagggtggac	120
acagtatgaa	ctactgctga	tgtctctgtt	ggggatcaga	gggctggcgg	gaacgcgaga	180
agggcaccag	cagcattcca	caccagctc	ttcctcacct	tctgtctag	tttgaatttc	240
ttttttttct	ttttcttttt	ttttttttta	attaaaaaag	gaaaaggggg	ggtggggaaa	300
aaacctaaaa	caaaaaatgg	gcattagggc	tcaaagcacc	cccaggaagg	ggcccatggt	360
tgggggggagc	aggggcttgt	tgacccacc	tgtttttgtt	ttggcacaaa	ggtttgg	417

<210> 329  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(397)  
 <223> n = A,T,C or G

<400> 329  
 cggttgctgtc gcaagtttga atttgtgatga cggntgacgt ttgctgattt ttgactgtgc 60  
 ttgtagctgc tccccgaact cgccgacttc ctgtcggcgg ccggcactgt aggtgagcgc 120  
 gagaggacgg aggaaggaag cctgcagaca gacgccttct ccatcccaag gcgcgggcag 180  
 gtgccgggac gctgggcctg gcggcggttt ctgtcgtgctc agcgggtggga ggaggcggaa 240  
 gaaaccagag cctgggagat taacaggaaa cttccaagat ggaaactttg tctttcccca 300  
 gatataatgt agctgagatt gtgattcata ttcgcaataa gatcttaaca ggagctgatg 360  
 gtaaaaacct caccaagaat gatctttatc caaatcc 397

<210> 330  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 330  
 ggcacgaggg acccatttct aggattctaa gatgtaagat ttcttaagtt ctttatctta 60  
 gtctcatgca ttctccacat cacgcgctgt accatactgt gtagtcagaa cagacagtgt 120  
 gattgaaaag ctttgaaaaa agttaacaca aaggattatt tagcacatag gctgtagata 180  
 cgtatgtgtg tatttggttca acaattggag atgggtgaat acccttgaac aaagtgtgta 240  
 tcttctcaaa tcagtgggtg cactagtcaa taattagaag gtgttggttat ttttaaaact 300  
 ataagcaaaa ttatgaaggc ctttaaaaaa tctatcataa taatgaaaaa gaggttgtct 360  
 cccaacagtg ctgtccctca aagaaaagac tgggt 394

<210> 331  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 331  
 attatggggc tgagccacca tgcccgact ctacatcaga aatttcaaaa ggaatttcat 60  
 agttacaagt tcttcatgag aacaatagct ccagaaaaac accttccttg gttccaggtt 120  
 tacactgaag tttttctttt ttttttattt cacaacacag attctaggat acactgaagt 180  
 attaagaaaa atcggggcca ggtgcggggg ctacgcctg taatcccagc actttgggag 240  
 gcctaggtgg gcagatcacc tgaggtcagg agttcgagac cagcctgacc aacatggaga 300  
 aaccccgctc ctactaaaaa tacaaaaaaa aattatccag gcgggggggc gcatgcctgt 360  
 aatcccaggg actcggg 377

<210> 332  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 332  
 ggcacgagcc gagctcggag geggtcgtgc ggcgcggagt cctcctggat cgtggcaatg 60  
 ggcagacaca gagcagaaag tggcggactt gggcggccac aggttaacttt ctgcgaaggga 120  
 gctgaattct ttactaaaag ggtacaagcc cgagggaaga gctgcgcgat gattggctgg 180  
 ggagctccct caggtgagct gccattggca gaggcgcgct caggttaaggc ccttctccaa 240  
 gtgcaggtaa ctactccga agtttacctg agtggagcgg cggcatgctt gcagctcggc 300  
 ggcagcctgt gagagctgag ggtcagttct tcgagtagat ctcaagctgc gttttcctcc 360  
 ttctccaaag cagggatggg aaggtggagg ctactggttg g 401

<210> 333  
 <211> 392

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(392)  
<223> n = A,T,C or G

<400> 333  
cggttgctgtc gggtcaacaa gcatacctagt taaagggctt atcttcatga gtaggtgaca 60  
ccacagacat ggtgcttact tcagaattag ctctattatt ttcagaacat tgcttaacat 120  
gttggttgag tccggcagac aaattaacat attcttgtgc ataaaaatta gaacaaattt 180  
ggataggcca gtggaaacta tggagtccaa ttgcttttta atctaatttt gatttaagta 240  
aatgcagtta tacagagggt gcaaggaaca gaattgtttt tattttattc tattaagtca 300  
tggtataaca tgtattttaa agattatctg tcttaccaaa tgtacaattt ttgtacaatt 360  
attggccttg gaagtagaga tgacagaatt cn 392

<210> 334  
<211> 383  
<212> DNA  
<213> Homo sapiens

<400> 334  
cggctacctg ctgacaggat tgccctgatgt caacgtatct gtcttgctaa atgtccttac 60  
attgacagct cttatattgt tcataccatc cattacataa atatccacca tcttattatt 120  
tggtattaaa actcttcttc aataagaact actttcctgg agcatttctg tgtgaccttc 180  
ctggtcatac taagtgcatt tagctttctg cttacgaggg tgagcatttc ctatccctgc 240  
tgctgtcttc acagcactta cccacagaa agatctcagg cactgacaag atatccaatc 300  
tcaatgctat gttgtatcaa gcctcatata ttgataaaaa agtcttagtg gcattaattc 360  
taaataaatt actattccac acg 383

<210> 335  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 335  
cttctccatg ctcggaataa cttcctgcat cggtcaacag gctaaagagg ggggaaggctc 60  
ggaggttggg aagaggactg gaatctgatt ggggttccaa caaatctgta acaccgctgg 120  
gaacgactgg gtccccctta ggtccttttag gacagcgttt gaaatcttgc tttccccctgc 180  
agggatccag caccggctcc tctcctggca accacgggtg gagcggcgga ggaaatggac 240  
ataaaccggg gtgtgaaaag ccagggaatg aagcccgagg gagcggggaa tctgggattc 300  
agaactctga gacgtctcct gggatgttta actttgacac tttctggaag aatttttaaat 360  
ccaagcctgg gtttcatcaa ctgggatgcc ataaaccagg acct 404

<210> 336  
<211> 390  
<212> DNA  
<213> Homo sapiens

<400> 336  
ggcaccagca aagaggaaac agtttagttt tagtggcatg tctcagtgac aatgctgaat 60  
acctaatagt ttttccaaaa ttgggtccag tgggttacgt cttggatctt gcagatagac 120  
tgatctcaaa agcctgtcca tttgctgcag caggaataat ggtcggtctc atctattgga 180  
cagctgtgac ttatggagca gtgacagtga tgcaggttgt aggtcataaa gaaggtctgg 240  
atgttatgga gagagctgat cctttattcc ttttaattgg acttctact attcctgtca 300  
tgctgatatt acgcaagatg attcgctggg aggactatgt gcttagactg tggcgcaaat 360

actcgaataa actacaaatt ttaaatagcg

390

<210> 337

<211> 400

<212> DNA

<213> Homo sapiens

<400> 337

cgttgctgtc	gcttgggaag	aatcccaaca	tcgagaaaac	ggtgtcctgt	gagttccaac	60
aatgcttctt	gttcatgggt	ttcttccgta	tggagtggat	taagagtgtt	ttattttgtt	120
gttctaactg	agaaaaaaag	gaggcaccca	caagggttag	gtcacacagt	ctccacagtt	180
tccaggaggc	gtttgggggt	ggggaaggca	cctccagagc	atgaggctct	aaggggacat	240
gagtaaagca	tgtctgtgac	ccagttagga	aggagaggc	cagctgact	cctgcacggg	300
gttcctagct	gcagaagggt	cccgcctatg	ccgaggggaa	acacctgata	gcagaagagg	360
cctggatgca	cacctggcac	gccgaggctc	tccgccaga			400

<210> 338

<211> 356

<212> DNA

<213> Homo sapiens

<400> 338

cctcagcctg	ctgagtagct	gggattacag	gtgcccacca	ccacgccag	ctaatttttg	60
catattgtagt	agagatgggg	cttcaccatc	ctggcccggc	tgggtctcaa	ctcctgacct	120
aaggcgatct	gcccgcctca	gcctccctga	gagctgggat	taaaggcgtg	agccaccaca	180
cctgggcacc	ttattttttt	atacggctct	actgcataca	gttgaataag	aaaactattc	240
ctgtattgct	gcactttcac	actgcttcaa	aatcggccta	ggagaaacaa	tgctttaatt	300
gcttcgggtg	catttaattc	ctagagccaa	cgggcttggc	caaaggcaac	ctaccc	356

<210> 339

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 339

caaactccca	agcacaagtg	aatcatgggt	cagtgactca	ttgtgtgaat	aggggcacag	60
agaatcccta	aaccattgct	tttcatatca	ggagtccaac	agtctttcag	gttggccctg	120
actgagggtc	ttgagtattt	agtggagttt	tctggtaaat	catagctatt	ctaatttagg	180
tttcagccca	actagatgct	tcctactatc	cctggtaagg	aatggaactg	gctcacagta	240
aatgtagctg	tttagtaata	gatgcagata	ttcttattat	cctctctagg	gcttctattc	300
tgattttctta	tttttaagat	taagaattta	atggctaaaa	aagctaagtg	n	351

<210> 340

<211> 381

<212> DNA

<213> Homo sapiens

<400> 340

cgttgctgtc	gaacaatgtt	acaaaaggca	aatataaaga	gtatgttttc	tttttagtgc	60
tttgaaaaaa	tttcacttaa	actcttatta	ctgtatagat	taagccctat	aatgctattt	120
atattccagg	ggaacgaaaa	tctgaatttg	ttttatgatt	taaagcatct	ggtttgcata	180
ttgtattgta	atactgatac	agtttggtcg	tgtccccacc	aaattgaatt	gtgttaatat	240

ttcccataat ccctacgtgt tgtgggaggg acccagtgagg cagtaattta atcatgggtgg	300
tggttacccct catgctgttc ttgtgatggg gagttctcat gagatctgat ggggggtttt	360
ttttgttttg gtttttggtt t	381

<210> 341  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 341	
ggtccagtat gtagcgtaac agccttccaa ccagttagag ccagtgtctt ggttggccat	60
tcttgcttta ttgcctaccc tggagttaga ttagcgggtg aggggagatc acttttatct	120
agactgcagg aactgagaat ggggtgagggg tgattcccaa atagaaaatg aagggttctgt	180
ttatagaaga ataagaaact atgtttgtct ggtaaaaata gcagttgtcc attctatcag	240
ttttcattcc catgttacag aaattcttac caaacaggct taaatagtaa gcgaatgcct	300
tagttcattt cactggcagt tcagagtggg gggagccctg gggg	344

<210> 342  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 342	
cgggtgtgtc ggaacttttc aacatattga caccacagct gtattacaaa cgaaacaggg	60
acagatgaag gcctgcattt gcctgaacgc tatagtttgt tgatccctaa ctagtaaatg	120
gaattcacat ataaccacat ggactttgca ctgcacagaa aaagtcagtt tggggagaat	180
ttcagactta catgtgaagg acagatgtca attttcattt ttattttatt tttgagacag	240
agtctccctc tgtggcccag gctggagtgc agaggcatga tcttggctca ctgcaacctc	300
tgccccctgg gttcaaacaa ttcttgtgtc tcaacctctt gaaaagctgg gaataacggc	360
gggcacccac cacg	374

<210> 343  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 343	
cggtgtgtgc ggaattgaag cccaggtggg tgtccaatgc cagaccatgg atcatcagcc	60
tgggacacca aagtgccaca ctctcagagt gaggatgatc ctcaggaagt cagctctacc	120
accctccaca ccaggaagt caagcagact cacctcatga ttgagcagaa taagagaatc	180
cttgagaagt cataagtttg catggatttg cagcacaagt tcaaacaact agatggcacc	240
aaatccctca atttatgaag acatttaacg tggtaaccaa ttggaaacgc ctcatggcag	300
aaacaaacat aaatcctttc tagaagggtg ccttgtccaa gtgtttccca aaccagtttt	360
tttagggaaa atg	373

<210> 344  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(350)

<223> n = A,T,C or G

<400> 344

aagctcctgt	ccccgaacaa	gaagcagagg	aaaaaccaca	ctagcaagct	gcaagagttg	60
gcactgctgc	tgcccatagc	cctgaagacg	gggaccaaga	agctcacaaa	ggtacagggg	120
ctagaggaga	ggggccagat	ttgggacgca	ggtcttttaa	tagcagcaaa	tgggtcaccc	180
tctcctggga	aacctggaca	gaccccttca	gtggcagcat	tcaaattgga	atggtgctac	240
tctgaacggg	aatttccggg	agtctgtgat	cccataacta	ggtgcctgga	ggatcccttt	300
tttgcaaagg	agagaggaga	aaccgggctg	gggaaataga	gatagcacan		350

<210> 345

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 345

cgtgtctgag	ctgtgatgac	gctggccttg	tgtttcgtca	ggtggtgtcc	acagggtgcc	60
tgctggttgc	tttttctctg	ccctgggaga	ggctcgctga	ggctgcacgg	ctgcctggga	120
gaggtctgct	gaggctgcac	ggctgcctgg	gcggcctctg	acgcgccctg	tggactgcag	180
catccagggg	atcgcgctctg	caactcttat	tgctttggcg	tttacctatt	ggggatttaa	240
aaaaaaaaatt	gttcattttt	ataaaaaaga	catgggctgg	ctgggcacgg	nggctcacgc	300
ctggaatccc	aatacttttg	gaggctgagg	tgggcggatc	acctgaggta	aggatttcaa	360
g						361

<210> 346

<211> 223

<212> DNA

<213> Homo sapiens

<400> 346

ggagggtggag	gttgcagtg	gctgagatca	tgccactgca	ctccagcatg	ggtgacagag	60
actccggctc	ataataaaaa	aaaaaaaaaa	aataattttt	tgactgaaaa	aatatttttt	120
tgtgtggggg	aggggttttt	ttttgggcgc	agaagtaac	aacctgtgtt	gggggggggt	180
tgcccacccc	cttctttttg	gagagcttgt	gttctttttt	ttt		223

<210> 347

<211> 477

<212> DNA

<213> Homo sapiens

<400> 347

ttgttctttt	tgcaagatcc	cactcgattc	aattcggcac	gagatattaa	aaggagggtta	60
gtgcttaaca	agaatttaat	tgctctgcaa	ttcatgctgt	ttctaataca	acctaaactt	120
taagatcttt	ctaggggcag	aaagcccatg	agaaatacaa	tgggaaggta	agacaatggg	180
acggcggaag	tggttgaccc	ccgtgcaacc	agctgcagaa	tgaataggga	aaacagcaaa	240
gctgtactag	cctctggttt	atcaactcca	gaccatgaga	aagataactg	tagatacagt	300
tacactatga	caaggctaag	cacgaatcac	caacatgttt	cccaaagtgg	gtgggtggccc	360
tgaaagtgtg	tttgcttggt	agatggaatc	aagagctaaa	atcaaaggct	actcctgaac	420
cgttttagta	agacccgagg	taggagttca	aaagcctcag	tctcagttcc	cccgat	477

<210> 348

<211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 348  
 ggagtagaat gcttttctact agctctcaaa ccttggtgtg aggaattcct tggaggggctt 60  
 gttttaagca cagattgctg ggcctactgg aatcagtggg tctgcaagga ggccctaaat 120  
 tcgcctccct gacaggttcc tggcagatgt gatgctgcct gaggcctgca cttaggacca 180  
 ctgacatagc caactagaag aaacatggga aggctgggga gtctctccct gtagtgagcc 240  
 ctcaggagga ggattagaat gggggcactg gaggaccagg cgcggtggct caccgctata 300  
 atcccagcac tttgggagggc g 321

<210> 349  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(434)  
 <223> n = A,T,C or G

<400> 349  
 cacagcactt gtcttttggc ggatnnmntn gagtcgaatt cggcacgaga tgccgtgggtg 60  
 gagaacacac ctgtggctat cttatgtgag gactagaggt gaagaggaga tggacactgc 120  
 ctctggagcc agcctgacac caaggacagc acttgctatc atccctatcc tcgtcagccc 180  
 caccctgctg cctcagctgg acccagggct ttgacacaaa cccagtgcct tgcttatggg 240  
 tgctcgctgg ggtccgggtg agactgacca cctgcttga gccaaagaca aggtgatgag 300  
 agatggggag aggccattgg ctcccagagg gaacagtgcct ggctgtggct agagaacagc 360  
 aggtctgtgc agtgtctgag ggcagggttg gaagggtagc anagagagag agaccgaaag 420  
 agagagagag agac 434

<210> 350  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(178)  
 <223> n = A,T,C or G

<400> 350  
 acgttttagcc ctgaacagga gccaccatgc attgcttcag cttcattaag accatgatga 60  
 tcctcttcaa tttgtctatc tttctgtgtg gngcagccct gttggcagtg ggcattctggg 120  
 tgtcaatcga tggggcatcc tttctgaaga tcttcggggc actgtcgtcc agtgccat 178

<210> 351  
 <211> 442  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(442)  
 <223> n = A,T,C or G





ctaatatccg gttc

374

<210> 356

<211> 131

<212> DNA

<213> Homo sapiens

<400> 356

ttcggtctgtg	aaatgacaac	agatgggtgtc	gggtgcgata	tgacgaccga	atggttaccg	60
ctgctataac	acgaccctaa	gtggatcggg	ttgcgggaaa	ttcgactgca	cagggggctg	120
gcgtttgact	g					131

<210> 357

<211> 226

<212> DNA

<213> Homo sapiens

<400> 357

aaatacattt	tattttgtta	acatttaaga	aatctagttg	cttcattgtt	ataatcaa	60
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatgggtaca	cattccatt	120
gaggttta	tggttaagg	tggttgacac	attttaagt	tttagactga	aatcttcacg	180
gtttggaa	cattgtact	ctagcactgg	cagaagacat	gtaaat		226

<210> 358

<211> 414

<212> DNA

<213> Homo sapiens

<400> 358

cggttctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tattttaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	ggttgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	actttttaaa	aagaatcatt	aagcatatct	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	tatttttccg	tggt	414

<210> 359

<211> 406

<212> DNA

<213> Homo sapiens

<400> 359

cggttctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tattttaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	ggttgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	actttttaaa	aagaatcatt	aagcatatct	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	aatttt		406

<210> 360

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 360  
 cgttgctgtc gctgaaatac catcagaggc ccaggagggg ctagttgtaa ctggcaaata 60  
 tagtaaatta atttgctctg gttgataggt agcaagcagg gtttatatac attgtcacct 120  
 acttttccag ttaacaggag agactggaga ttttatgaaa tttgatattt aaatgttggt 180  
 aactgggttg ggcaccatgg ctcacacctc taatcccage acttcgggag gctgaggcgg 240  
 gtggagcacc tgaggtcagg agttaaagac catcctgacc agcctgggtga aacacagtct 300  
 ctaataaaga tacaaaaatt aggccgggtg tgggtggctca tgccgtgaat cccagcactt 360  
 tggggaggcc aaggtggggc gatcacctga gtcaggagtn 400

<210> 361  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 361  
 cgttgctgtc gcaaggatct ccattctccc tgtctggata cttctttggc agagatatgt 60  
 cctttaggaa aaaatctcag ctctaaagtt aattcagaca gcggtattcc aggactagca 120  
 gccagtgcct tacttgtgag tcacgggtgtc tacatcagaa gcctgtttga ctattttctg 180  
 actgacctta tgtgtgcctt accagccact ctgagcatat atgaacgtat gtcagttact 240  
 cccaatacag ggatgagtct ctctatcata cactttcgtg acggaatgag aagttaaacc 300  
 aacggttcag tgtattcgta tgaacctaca ggatcatcga aatggactga ctgatactcg 360  
 ctgcgataaa atctgcatca ctatctaacc attttgagcc tctgaaggg 409

<210> 362  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 362  
 atttcagatg gatagtagtt caggtacatt actggtacag tgtgctcaaa cgttttcccc 60  
 atgattacta ggttcttgtg atatctgggc tagaaacaca gccatcattt ataaatctgt 120  
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtttct tttaatggga gaatgtgatc 180  
 agagttctaa aaaactgaaa taaaagtgcg tttttagaat atgaattatt ttgtaaattt 240  
 tagatagatt atagagtgc tactataccc tttttcagag cagaggaaga gaacccattt 300  
 aggcacccgt ttaaaggaga tttgggtgtga tgttcttagg gtcttttatc tgaaagatga 360  
 actgcggctc tgtctattat agatan 386

<210> 363  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 363  
 cgttgctgtc gcagggtttt gctttgtctc ccaggctgga gtgcagtgat acaatcatag 60  
 ctaactgcaa cctccgcctc ctgggctcaa gcaatcctcc cacctcagcc tccccagtag 120  
 ctgggatcac aggcattgtg gaacatgcct ggctaagttt tcatattttt ttgtagagaa 180  
 ggggtttcgt catgttgccc aggcaggact cgaactcctg ggctgaagag acctgcctac 240  
 ctctgcctcc caaagtgtct ggattacagg catgagccac ccagagccaa ggtctcagtc 300

tttttagtgag	cttggttatg	gattttgaac	tatatcctgt	ttctcagcgc	ctcaccceca	360
ggatggcttg	aatgacctgt	agttgggtat	ttcccttacc	tcatgt		406

<210> 364  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(376)  
 <223> n = A,T,C or G

<400> 364						
gtgctgcatg	tttaaagtat	tccctctggt	ttacttcatg	atagttggcc	cctttcaggt	60
tataacacgg	acatttttct	atggttttca	ttatttgcac	atgccaacag	agtagaatag	120
atttttaacg	agcatcactt	cattgcaagc	aaatttatta	atccagtggg	actgatgaaa	180
ctaaggagct	ctttgggggc	aggctcgatg	gtcacgcct	gtaattcttg	cactttggga	240
ggctgaggcg	gggtgatcac	aaggtcagga	gttcaagacc	agcctggcca	agatggtgaa	300
accctgtctt	tactaaaaat	acaaaaaaat	tagccgggca	tggtggcggg	tgctgtaat	360
ctcagctact	cgggan					376

<210> 365  
 <211> 140  
 <212> DNA  
 <213> Homo sapiens

<400> 365						
tactgctgcg	agatgacgac	acatgggtac	ggttggtaga	ttacgactga	atgggtactgt	60
tgcgtatctt	acaccttaat	ggctcgtgct	gtgggtgaata	ctactctaca	gggaacctgt	120
tggegtatat	tctcagatg					140

<210> 366  
 <211> 137  
 <212> DNA  
 <213> Homo sapiens

<400> 366						
tgggtacggg	tgctataaga	cgacaaattg	gttcggttgt	gtttagatga	cagatggggt	60
cgtgttggct	attaatctca	ccaatgtttt	cttggtgttt	tatactgacg	taatgatcat	120
tttttcgggt	atctgcg					137

<210> 367  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = A,T,C or G

<400> 367						
cggttgctgc	ggggagatcg	gaagattttt	tctctatctg	gactctgctg	gtgtgcctgt	60
tgactggcac	tgggggaaag	tcgtctgaaa	ctggggcctc	agtttcttaa	ggagggttgg	120
ttgaatcaca	atcttcaa	ataggggat	ctgagggtac	aaaaagggtc	tgtgcacctc	180
ctgaaatagt	atataccatt	gtgtgtgtga	gcaaaaatgt	attccaaccc	ttcccacgcc	240

cgctcgaggt	ccacagtttc	catcagatta	tcagtaaata	ggataccaaa	tgtagtga	300
agttaccatt	acatgccagg	cgcggtggct	cacgcctata	atcccagcac	tttgggatac	360
tgagggcggc	agatcacttg	aggtcaggag	atcaaaan			398

<210> 368  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 368						60
aaatacattt	tattttgtta	acatttaaga	aatctagttg	cttcatgttg	ataatcagat	120
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatggtaca	cattcccatt	180
gaggtttaat	tgtaaggtt	tgtttgacac	attttaagt	gtagactga	aatcttcacg	209
gtttggaaat	cattgtactt	ctagcactg				

<210> 369  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 369						60
tgactatggt	ttatctacac	taaaaccctt	gcagttccca	atctgctcgt	tgtagtttaa	120
aactttcacg	cttcgttaat	gtcaactgct	ctgtcatctt	tgaaaagacg	atagttttgt	180
gcctgctgaa	catatatgaa	atgcattgca	aaagagtttg	ttgaaactct	ttgttacgac	240
ttgctcttcc	cgcttcacat	tctacctggc	ctctaattta	atattaattg	gtttggaaat	300
cagagtcaac	aaaaagaccc	acaagactta	atgggggtccc	atcagtcctc	ataatttgat	360
ttgaaaggct	gaaagcgggc	agcactgtca	ttcatagcca	aacagtccta	ttgagaggtc	405
ttggactatc	atgccagctg	tcagaccact	ccatgcactg	gggtgg		

<210> 370  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 370						60
cggtgctgtc	ggttcaggtc	actgaaagca	aggaaagcct	gataaactgc	cacggccacg	120
aggagtctaa	ggacacatcc	aattttccatt	cgcattccaa	atggaatccg	agacagaaaag	180
aggaccttag	ccttcataat	tggttttttc	ttatgaagct	tcttctgggt	ggaaacttgt	240
caaatttcat	caggtaaaga	gtgctaaaag	gaacctgtta	actttgtttc	aaaaaacaaa	300
aaccgaagtt	taagaaatct	aaagatggtg	tcagccttag	acagatctct	ggactgtaat	360
ctgggaaagg	tcaaataaga	tctccaatcg	tgtacaattc	caaatacatt	tgagagcagt	398
gggtctgaaa	atgtggttcc	cagaccagca	gcatcaat			

<210> 371  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (325)  
 <223> n = A,T,C or G

<400> 371						60
gagtgtgact	cttaaaggca	agagcatgta	tattatgcc	aagcagcctg	aatattttta	120
ttcacagaca	gacagacaat	gcttgactcc	ctgctaattc	gaaatacttc	gtggggaggg	180
ccagggaat	cacaacaaa	tttcagaagt	agaatgagct	atttggtgta	tgtctccacg	

gccataaat	aacacgaagg	aagaataaat	ttctttgcta	accacacgaa	ggagaaatac	240
acttttttgc	tctaaaatat	tttccaatta	tctccacgac	actggaggga	aggactatca	300
ncnngtacat	naatgtgagg	aaggg				325

<210> 372  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 372						
cgttgctgctc	gcattggagtc	ttgttttgat	gatgacagtt	ttctgtaact	acagcttgga	60
aactatgcaa	atggctctaga	ttcctcatag	ctcacatgat	aggatatagg	tagtgatgac	120
attttgctct	tcttggtgga	acacacactt	caaggaggag	atagtgactt	tgagatagga	180
acagtttaag	atgcagtgtg	agtctggcct	gcgtgcggtg	aggaggcccc	gccaagagac	240
tggtggacat	ctgactgtgg	gatgtgctct	caagtaggac	gtcatcagga	cagattctga	300
ataggcatca	tgagagtgtc	ggtcagaaac	ggctgccact	ttttttaatt	taattttatt	360
ttttatttaa	aggaaggaaa	catagctagg	taagattttt	atcac		405

<210> 373  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 373						
catcgattcg	aattccgctg	ctgtcgctta	gtcttcatac	tgttttaaat	gcttattttac	60
ttatccttat	tccccattta	ggctctaagc	actaagtggg	tactgcaagt	gctcaaaaat	120
tttggttgct	agaaatagta	gtgttaagtc	aatgagaaat	ggctttaaaa	tatagaccga	180
gggcagatct	tttccacact	cagtacaatg	agctgtcatg	tgctttactt	gactgggaat	240
ctatcacaaa	tacatgtgca	gacattttct	gtttagataa	cattaaaaaa	acatttagcg	300
aacagtatgt	attctgtctc	ctccttatac	atcttgagct	acattaagga	tttccagttt	360
tcctttccct	caaacagttg	cagaaagtca	gtataagagt	ggt		403

<210> 374  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 374						
gagatttggt	acgtatttta	gacatcttct	aagtaactcc	acagaagact	ctcaaaaāaa	60
aagcgtgacc	tcaacctgcc	tataggtgcc	ctagtggaga	atgcttgata	ccaggtgaca	120
acccccacgc	gccccaatag	tgcaagaaca	aagtggaggc	cagagaaggg	gctggtagtt	180
tcttcttagt	tctcagaagg	cttatctgat	gateccactca	cctctccttc	caccttaagg	240
gaagaatgga	agataataag	caaaacttct	agaaagagca	attagccctt	caacttctaa	300
tatccaggtg	ggtcagttcc	cagtgaagga	ggtaagtggg	caatggtaag	ctgtgccaca	360
caccaagtat	g					371

<210> 375  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(420)  
 <223> n = A,T,C or G

<400> 375

tgagtgtggg	gccctgcgtg	acagccctgc	ccctgagtat	ctaagtgtgtg	cgttgacagc	60
cctgccccctg	agtatctaata	gtgtgcgtga	cagccctgcc	cctgagtatc	taatgtgact	120
ggctgttgct	tcccgggata	tcttccaaga	gacagaataa	cctggatctg	aggataaatg	180
ccaggaggaa	gggagaatgt	atccatgggt	cccatctcca	ttagtcaaag	gtacctctac	240
agtgccttca	cagcccaggc	ctgactgcgc	ctagcggctc	ctcagcgttt	caggctcagc	300
agcagcaggg	acaccacaag	tggccaggta	cagcctggaa	cccctcccag	ggctggccct	360
agaggcaggt	aaagtgagga	gcaccttaca	tggtgcataa	naagtgtcca	atgccagtgc	420

<210> 376

<211> 417

<212> DNA

<213> Homo sapiens

<400> 376

ggcacgggag	gtttcagcga	gctgagatca	caccactgca	ctccagcctt	ggtgacagag	60
tgagactctg	tctcaaaaaa	aaaaaaaaaa	aaaaagcccc	ccccctttat	tattataagg	120
gggccttttg	ggataagccc	aaacccaaaa	aaaatccggg	ggggggggca	ccccccccct	180
gggaattttt	taaaaaaaaa	tgtttttttt	ggacccttgg	ggggggggccc	cctttttttg	240
tcaccgttaa	taggggggaa	aaaagggtgt	aattacaaaa	agggactttt	tttttttttg	300
gggccttggg	ggaggggggg	gggagtttat	tcatgtcccc	tttttcttcc	cagaagagga	360
atatttcccc	cgctcagaaa	gggaatcctg	cgccctttta	tgccctgggg	ggtttttg	417

<210> 377

<211> 375

<212> DNA

<213> Homo sapiens

<400> 377

gatttgtggt	gagattctct	cccaggccac	aagacatttc	ctgctcggaa	ccttggtttac	60
taattgtaag	tactttacaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagaaatt	ggatttttct	gtttttttct	tagcagggtta	tattttgagt	180
ttcagctaaa	agactaagg	tttcttatct	aatggcttta	aatttatata	tttaggcaaa	240
ttcaacaatt	ttttgctaag	catttttgcca	aatgccaggc	ttttcaaaga	agggtaagat	300
cccacccttg	aatctctatc	aattgctgct	ttttgcagaa	aacacatatt	atacattgta	360
tttagaaaaca	tgaag					375

<210> 378

<211> 164

<212> DNA

<213> Homo sapiens

<400> 378

agtaaaaaaca	aaatcaagac	taagagagga	ggaattagaa	tgagactcat	gtaccctcct	60
tccccactcc	aggggaagga	gagactgttt	gggaatgccc	tccccactact	tccagggcag	120
aggctgtgca	gaagagcctt	ggagaatctg	cagccactg	atgg		164

<210> 379

<211> 239

<212> DNA

<213> Homo sapiens

<400> 379

atgccctctc	cccatgaaga	atcactctga	attcttcacc	actgatgctt	tccatccgga	60
ggtgaaacgg	cccagacacc	ctgtcccttc	ccctctctca	ctcctcttac	aggcacagtg	120
cggccctcgc	atgaactccc	cgtcgacccc	tgccccctgc	ctgatctcta	tcccacgctc	180
ctctctgcgt	cttctgccta	cctaccgccc	ttccttctca	atccgcgcgc	cgtttcccc	239

<210> 380  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 380  
 gaaggaatgt gggcaagggtt ttgaacttga ttgttcttga agctatcaga ccacatcgag 60  
 gctcagcagt catccgtggg catttggttt caacaaagaa acctaacatc ctactctgga 120  
 aactgatctc ggagttaagg cgaattgttc aagaacacaa actacatcgc actcgtcagt 180  
 tgtcagttct ggggcatgac ttttagcggtt tgtttctgcg agaacataac gatcactcat 240  
 ttttatgtcc cagtggtgtg tgtccgcac tttctggtca acattgtttt aactagtcac 300  
 tcattagcgt tttcaatagg gctcttaagt ccagtagatt acgggtagtc agttgacgaa 360  
 gatctgggtt acaagaacta attaaatgtt tcattgcatt tttgag 406

<210> 381  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(406)  
 <223> n = A,T,C or G

<400> 381  
 cgttgctgtc gcttggggcaa aagttcagtt aatagtgtctg ttctgaaaga tagggttaat 60  
 aaacaatttg ttggagaaac acaaagcagg actttcccag taaaatcaca gcaactctct 120  
 agaggagcag atcttgcaag accaggagta aaaccctcaa ggacgggttc ctctcacttt 180  
 attcggaccc ttagtaaagt tcagtcacatc aagaaaccag tagtcaagaa catcaaagat 240  
 ataaagggtta ataggagtca atatgaaaga ccagatgaaa ctaagatacg gtcataccct 300  
 gttactgaac agagagtga gacacaccana cccagaacat accccagttt gcttcagggt 360  
 gaatataaca acagacatcc aaacatcaag caagatcaga agtccn 406

<210> 382  
 <211> 186  
 <212> DNA  
 <213> Homo sapiens

<400> 382  
 caacgcgtct ctgttctggc tacatagggg ggcgcttttt ttttttttcc ccacatgggt 60  
 tactgtcttt tttgtgtagt tgggttaaaac ccctgttctt tgttggttct ggataaggac 120  
 gccctctctg tttggatgct tgtggcgctc tacggcggtt ttgttttggc gagccctttt 180  
 atatgg 186

<210> 383  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(411)  
 <223> n = A,T,C or G

<400> 383  
 cgttgctgtc ggaattgaag cccagggtggg tgtccaatgc cagaccatgg atcatcagcc 60  
 tgggacacca aagtgccaca ctctcagagt gaggatgac ctcaggaagt cagctctacc 120

accctccaca	ccaggaagtg	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagtttg	catggatttg	cagcacaagt	tcaaacaact	agatggcacc	240
aaatccctca	atttatgaag	acattttaacg	tggtacccaa	ttggaaacgc	ctcatggcag	300
aaacaaacat	aaatcctttc	tagaaggttg	ccttggtccaa	gtggtttcca	aaccagtttt	360
tttagggaaa	atgcacagct	tactataaaa	aaattttaac	ctaaacttgg	n	411

<210> 384

<211> 354

<212> DNA

<213> Homo sapiens

<400> 384

ctgggaatac	aactgttcca	gcaaaagggc	cctgtcttg	ggaaggccca	cgctgaggag	60
gggaggatgg	cccacctta	ggggacatag	tcagagacta	tgctttcaag	cctccatggc	120
ctcccttgca	cggcagagaa	gaggggtatag	aaagtatgga	cagggagccc	agtggagacg	180
gagctggcca	gccaggaagg	acctatgtat	tctgggcagg	aaggtgagaa	gggctcccta	240
ctccaggcct	gcccaggccg	tctcctgctc	caagctccgc	tagctgcccc	gggctacgct	300
agctgccttg	ttgcccgcac	caccacgttc	cctggcgccct	gcgggagggga	aacg	354

<210> 385

<211> 381

<212> DNA

<213> Homo sapiens

<400> 385

tgcctcagcc	tctcgagtag	ttgagactac	aggtgcccat	caccatgcgt	ggctaatttt	60
tgtattttta	atagagacgg	ggttttacca	tactggccag	gttggctctg	aactcctgac	120
cttggtggcct	gcctgcctcg	gcctcccaaa	gtgttgggat	tacaggcgtg	agccaccatg	180
cctggactaa	gagtgtgtgt	gtgagtatga	ctttctcaat	tcgcgtctcc	cctccccctc	240
cttattgcgt	catcagggtta	gtctttccgt	aagacacgtc	gcaatcaagg	cggtcagatc	300
ctagacatcc	tttcttcctt	agggcggtcca	gtcatttgca	ttaacacgac	tatctgtttt	360
ttatctacgg	tgcgtagacc	g				381

<210> 386

<211> 398

<212> DNA

<213> Homo sapiens

<400> 386

ggcacgagac	aaaatgggtt	caccaggcct	gtttacaacg	ctgggtggat	gaaaagcaaa	60
gaggaaacag	tacagccaga	gtggcatgtc	ctcagtgcaa	tgctgaatac	ctaatagttt	120
ttccaaaatt	gggtccagtg	gtttacgtct	tggtatcttg	agatagactg	atctcaaaag	180
cctgtccatt	tgctgcagca	ggaataatgg	tcggctctat	ctattggaca	gctgtgactt	240
atggagcagt	gacagtgatg	caggttgtag	gtcataaaga	aggtctggat	gttatggaga	300
gagctgatcc	tttattcctt	ttaattggac	ttcctactat	tcctgtcatg	ctgatattag	360
gcaagatgat	tccttgggag	gacttatgtg	cttagact			398

<210> 387

<211> 383

<212> DNA

<213> Homo sapiens

<400> 387

gatttgtggt	gagattctct	cccaggccac	aagacatttc	ctgctcgga	ccttgtttac	60
taattgtaag	tactttacaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagtaatt	ggattttctg	gtttttttct	taccagggtta	tattttgagt	180
ttcagctaaa	aaactaaggt	tttcttatct	aatggcttta	aatttatata	ttaagccaaa	240



ttcaccattt	tcttgtaag	cattttgcc	aatgccaggc	ttttcaaagt	agggaaagat	300
cccagccttg	aatcctcatc	aattgctgct	ttttgcagca	aacacatatt	atacattgta	360
tttaggaaca	gggatcatta	atg				383

<210> 388  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(405)  
 <223> n = A,T,C or G

<400> 388						
cgttgctgtc	ggttttatct	acactataac	ccttgcagtt	cccaatctgg	tcgatgaagt	60
gtaaaacttt	cacgcttcga	tgatgtcact	gcctctgaca	tctttgaaaa	gacgatagtt	120
gtgtgcctgc	tgaacatata	tgaaatgcat	gcaaaaagag	tttggtgaaa	ctctttgtta	180
caacttgctc	tttcgcttc	acattctacc	tggcctctaa	tttaataatta	attgttttgg	240
aaatcagaga	cacaaaaaag	acccacaaga	cttaatgggg	tcccatcagt	catcataatt	300
tgatttgaaa	ggctgaaagc	gggcaccact	gtcattcata	tccaaacagt	actattgaca	360
ggaaatggac	tattaggacc	agctggcaaa	ccactccctg	cactn		405

<210> 389  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 389						
cgttgctgtc	ggaggaagga	agcctgcaga	cagacgcctt	ctccatccca	aggcgcgggc	60
aggtgcccgg	acgctgggcc	tggcgggtgt	ttcgtcgtgc	tcagcgggtg	gaggaggcgg	120
aagaaaccag	agcctgggag	attaacagga	aacttccaag	atggaaactt	tgtctttccc	180
cagatataat	gtagctgaga	ttgtgattca	tattcgcaat	aagatcttaa	caggagctga	240
tggtaaaaac	ctcaccaaga	atgatcttta	tccaaatcca	aagcctgaag	tcttgcacat	300
gatctacatg	agagccttac	aaatagtata	tggaattcga	ctggaacatt	tttacatgat	360
gccagtgaac	tctgaagtca	tgtatccaca	tttaatggaa	ggctt		405

<210> 390  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 390						
cgttgctgtc	gtcaggacac	cgggagtgga	aggcaaccgg	tacgcgctgg	gtctcagccg	60
ctgcaaaaac	ccggcatcgc	agggcaagag	ttgttccagc	gtcctccgct	gaactccaaac	120
cagcgggtct	tgaccaaggg	attccaagag	agaggattag	gcccggctaa	gcacctggga	180
gcagctgtgg	aaaaaggaga	gacaatcatc	aggcacgatg	ccaaaaatga	actgtgacct	240
gaaaaagaga	agaaaggaaa	attgtgcagg	atgctacggt	ttgtttttta	aaagtggggg	300
ttgaggcaat	aaaatacgga	atatttgatt	aacgtaatcc	agaattgtaa	agttgattgc	360
tcgggaggaa	gaaaggactg	ggacacaggc	gatgggccta	cn		402

<210> 391

<211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 391  
 cggttgcgtgc gggaggctga agtgggagga tcctttgaac ccaagagttt gaggctgcag 60  
 caagccatga tcacaccact gcactccagc ctgggtgaca gagtaagacc ctgtctcaaa 120  
 ctttttttaa aatgaaagaa tccaaccttt ttttactctg acctgcgaga gtgcagaggg 180  
 tctgggggaac atttgcagaa gcaacaggta ccagccagtg ctggaaggag ctcaccctgg 240  
 gaggtctcgt cagcctctgt ccttcatggc tgtcccttgt gtcccatgtg gagagccctt 300  
 cctccctttc cacatggtaa gcactgagcc caatttcttc tcacccaca gatggtccct 360  
 cagagcagag atgtctaata aaagggttcag attcagatca ctaactttcc atcttcc 417

<210> 392  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 392  
 cggcacgagg agacaggact acgcgcctgg agtaggagaa ggaggaaaaa agagaccata 60  
 gacttgcata ctggcctaga gcggccctta aagtgccagg gagaggaggg cgggtgggga 120  
 ccaactccaga attggccgct ggcggtatca tggcgaccoc gaacccccct cccaagact 180  
 atgaaagtga tgacgactct tatgaagtgt tggatttaac tgagtatgca agaagacacc 240  
 agtgggtggaa tcgagtgttt ggccacagtt cgggacctat ggtagaaaaa tactcagtag 300  
 ctaccagat tgtaatgggt ggcgttactg gctggtgtgc aggatttctg ttccagaaag 360  
 ttggaaaact tgcagcaact gcagtaggtg gtggctttct tcttc 405

<210> 393  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(421)  
 <223> n = A,T,C or G

<400> 393  
 atcgattcga attccgttgc tgtcgcagca ccattatttg ggtctttcag ggtggccatc 60  
 tctgttagaa gacagtagca tgttaacatc actgcattga gtttttgtct ggtgtaaaga 120  
 atgactttta atgtaaacaa actgcagggt tttttcaaac taattttaag aatttagtct 180  
 tatttcgttg taaactgcgg atctaattat attacattac tctgttcaga tgggatggat 240  
 actaccactt gtccatgatt ttcatattgaa aagcaaggat ctatatcatt tccccccaga 300  
 cagcattatt taacactccc cttaactgtg tttgaacttt ctcttttaac acaaattgtca 360  
 cgtctttaca gttgtaatat caccatgttt cccattgctg ataatactta tatgaacccc 420  
 n 421

<210> 394  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 394  
 ggcacgagcc aacctgggca gctgcaatga ctctaaactg gagttcagga gtttctggga 60  
 gctgattgga gaagcggcca agagtgtgaa gctggagagg cctgtccggg ggcactgaga 120  
 actccctctg gaattcttgg ggggtgttgg ggagagactg tgggcctgga aataaaactt 180  
 gtctcctcta ccaccaccct gtaccctagc ctgcacctgt ccacatctct gcaaagttca 240

gcttccctcc ccagggtctct gtgcactctg tcttggatgc tctggggagc tcatgggtgg 300  
aggagtctcc accagagga ggctcagggg actgggtggg ccagggatga atatttgagg 360  
gataaaaatt gtgtaagagc caaagaattg gtagtagggg gagaacagag aggagctg 418

<210> 395  
<211> 404  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(404)  
<223> n = A,T,C or G

<400> 395  
tcgaattccg ttgctgtcgg gggtttcatc atgttggtca tgctggtctt gaactcctga 60  
cctcagggtga tccatcttcc tcagcctccc aaagtgtcgg gattacaggc gtgagccgcc 120  
acgtccgggt aacaagtaact tttttatttt tattttattt tttggatgga gtctcactct 180  
gtcgcccaact gcactctagt ctgggtgaca gagcaagact ccatctcaaa aaaaaaaaaa 240  
aaaaaatttt ggtaacctta ggggttttaa aacaacaaaa ttcatttcca ttttggaggg 300  
tggaaccccc aaaataaagc ccccagaaaa gccacctctt ttttgagagg ggagggggccc 360  
catggaaggg ttggcccctg cccttgagcc cgggtgaacct ccn 404

<210> 396  
<211> 403  
<212> DNA  
<213> Homo sapiens

<400> 396  
tcgaattccg ttgctgtcgg gaggatactt tctgtcccc tggttttggg tttgcccacg 60  
tggcttgctc tggccttgga atgaagcaga aacgaaaggc tgccagttcc gagcccacgt 120  
ctgaagtcgc cttaggtggt tccgcggggc ccgtgcgctc ccaccttcac ccagagggcc 180  
ttctctggtg cagccgctgc ttcttcagcc tccgcccata aggaacggag cccctggcc 240  
gatccgcagg cctacagggg gccacagagc gcagcggctg gaccagcgtt caagcccaag 300  
cacaggcctg cgagaacctt gttccagccg ccgtttatga tgggttgatta tgacgcgttg 360  
cagtggcggg agctcaccaa tccagtgcgt gcacccgctc ctt 403

<210> 397  
<211> 410  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(410)  
<223> n = A,T,C or G

<400> 397  
cggtgctgtc gcacttttagg gattgttaca gtcactgttc aatgtgcctt cccatagagt 60  
tctttcattc ctttgtcaa caagaaaact tggcaaagcc tttaaataata gaggcccttt 120  
tttttttttt ttttcccaa aaaaaattct aatggggtgc cccggctggg aggggagggc 180  
cgaatcttga gctagtgtct cccccgacc ccgaaatgaa gggaattgcc cggcttagca 240  
ttcccaagtg acggggagaaa gcgggtgtac cccccaccac gctggaatga tcgagtcgca 300  
tggaactgag ggtcagacgc gggaagtaag aggcaaccgg agcaccatt tggattacgt 360  
agggtgctagt ttttggccag gaaccggaga gaatgcggcc tgcattgacn 410

<210> 398

<211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 398  
 ggcacgagaa tccttaaggg cgagttggca tggatcatct acaaaaattc tgtaagcata 60  
 attaaagggtg cagaatttca cgtgtcactg ctttcgattg cacagctatt tgactttgcc 120  
 aaagatctac aaaaagagat ttatgatgac cttcaggctc tacacacaga tgatcctctc 180  
 acttgggatt atgtggcaag gcgagaatta gagattgagt cacagacaga agagcagcct 240  
 acaacgaaac aagccaaagc agtggagggtc ggccggaagg aggagagggtg ctgtgctgtg 300  
 tatgaagagg cagtgaagac tctgccaaca gaggccatgt ggaaagtgtta catcaccttt 360  
 tgcttggaaa gatttactaa gaagtcaaat agtgggttcc ttataggga gaggttggaa 420

<210> 399  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 399  
 cggttctgtc gagaagttct tcgtcggcgc ctgagcagcg ccaacacctg tccaaacact 60  
 gcctgctgaa gatgaagtct tactacagaa attaagagag gaatcaagag ctgtctttct 120  
 acaaagaaaa agcagagaaac tgtagataa tgaagaatta cagaacttat gggttttctg 180  
 ggacaaacac cagacaccac ctatgattgg agaggaagcg atgatcaatt acgaaaactt 240  
 tttgaagggtt ggtgaaaagg ctggagcaaa gtgcaagcaa tttttcacag caaaagtctt 300  
 tgctaaactc cttcatcacag attcatatgg aagaatttcc atcatgcagt tctttaatta 360  
 tgtcatgaga aaangttggc ttcatacaaac aagaatagga 400

<210> 400  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<400> 400  
 ttccgaaaca agccccggctt ttggccgaag cggcctacgg ctgttataag acgactttaa 60  
 tgggtgggag agaattgttag cttttgaagc ttttttatgt agcgtctctc tctttttgtt 120  
 gataccccag ggggtggctca cttgtattag agaattctta cagtccttag gggtttctgaa 180  
 cagatgtttt tcttccctta aatgggtgaag taccctccacc tcttggccag gtggaagtgg 240  
 atgagtctgg accactggga tcagtgcagg gaagagccca gggaaaattt ctggggacat 300  
 agagccacat ttcagttttc tcccaggga agaacagatt gtcaggacac tggatcccaa 360  
 tgagtgggac gtactaaatt cttagcaagt gcacattaaa attcagggta ggagagaagg 420  
 ata 423

<210> 401  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 401  
 gcaataaatt gtaaaagaag cattcatatg cttctgttaa atccactgtc tttttttgag 60  
 acagaatttc gtacttgttg cgcaggctgg agtgcaatgg caccatcttg gctcacctca 120  
 acctccgctt cccaggttca agcgattcta ctgcctcaat ctcttaaata tctcggcata 180  
 gaacactcat gccccgcccc ccatcctgac tcagttactg tccatatctc cctcagcctc 240

aacatacctg	ctctcccagt	tttaccacc	tcttaccoca	ctcatctctt	cccaccacgt	300
cgtaccacag	caacaagaac	ccattctctc	ctgttcattc	cctcgactta	tccacgacaa	360
ctaatacccc	tgtattcccc					380

<210> 402  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 402						
cgttgctgtc	gccttcctca	aagcatgggt	gctgagtacc	cagagttgcg	aggagttttt	60
taactgattt	agccagggtg	caatcatgag	tgaatggatg	aagaaaggcc	ccttagaatg	120
gcaagattac	atttacaag	aggtccgagt	gacagccagt	gagaagaatg	agtataaagg	180
atgggtttta	actacagacc	cagtctctgc	caatattgtc	cttgtgaact	tccttgaaga	240
tggcagcatg	tctgtgaccg	gaattatggg	acatgctgtg	cagactgttg	aaactatgaa	300
tgaaggggac	catagagtga	gggagaagct	gatgcatttg	ttcacgtctg	gagactgcaa	360
agcatacagc	ccagaggatc	tggaagagag	aaagaacagc	ct		402

<210> 403  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 403						
ggcacgcggg	tgccttctag	cttataacca	ttttccttgt	ctcttctggg	ttgggcagga	60
ctgacactcc	gaacctggcg	gaagaagggt	catcttcctc	gcacagtgtg	ggttcttgga	120
gttcatccag	ggaaggcggc	gcctctttct	caggctctgc	aggctgggtc	ctgagcctgc	180
ccccacgaac	tttctggatt	ccaaggaggg	atgggtgagc	ctttgacctc	tgcagaccct	240
ctacttgcca	aaagcagcat	tgaagcagcc	ttttcccatt	gtagaaggga	cagggagtca	300
gatcccctta	accccccggc	tttcaggacc	ccagaagtgc	cttccaagct	ttcccccaaga	360
tccacatcac	ccacgaacct	gccactgttt	ttgctgtgcc			400

<210> 404  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = A,T,C or G

<400> 404						
ggcacgaggg	ccgctggggc	actgcctgcg	ggactggggag	gatctacagc	aggacttcca	60
gaacatccag	gagacccatc	ggctctaccg	cctgaagctg	gaggagctga	ccaaacttca	120
gaacaattgc	accagctcca	tcacgcggca	gaagaagcgg	ctccaggagc	tggccctcgc	180
cctgaagaaa	tgcaaaccct	ccctcccagc	agaggccgag	ggggccgcac	aggagctgga	240
gaaccagatg	aaagagcgcc	aaggcctctt	ctttgacatg	gaggcctatt	tgcctaagaa	300
gaatggattg	tacctgagcc	tggttctggg	gaacgtcaac	gtcacgctcc	tgagcaagca	360
ggctaagttt	gcctacaagg	acgagtatga	gaagttcan			399

<210> 405  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 405



cagcagacag	atztatcaac	tccaaatgtg	caaaatacat	gctaaaagcc	aacctgatta	360
aagaagctga	agaaatgtgc	tcaaagttta	caagggaagg	aa		402

<210> 409

<211> 405

<212> DNA

<213> Homo sapiens

<400> 409

cgttgctgtc	gccataatgc	aactggtagc	cacagagtac	ttattcattc	atttcccaga	60
tcatcatgaa	ggacacttaa	ctttgttgcg	aagctctttg	gtgaataata	gaactcaggc	120
caaggtagcg	gaggagctgg	gcatgcagga	gtacgccata	accaacgaca	agaccaagag	180
gcctgtggcg	cttcgcacca	agaccttggc	ggaccttttg	gaatcattta	ttgcagcgct	240
gtacattgat	aaggatttgg	aatatgttca	tactttcatg	aatgtctgct	tctttccacg	300
attgaaagag	ttcattttga	accaggattg	gaatgacccc	aaatcccagc	ttcagcagtg	360
ttgcttgaca	cttaggacag	aaggaaaaga	gccagacatt	cctct		405

<210> 410

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 410

cgttgctgtc	ggccggcgcg	gcctcctgct	ctttgtggat	gaagcggacg	ccttccttcg	60
gaagcgagcc	accgagaaga	taagcgagga	cctcagggcc	acactgaacg	ccttcctgta	120
ccgcacgggc	cagcacagca	acaagttcat	gctggtcctg	gccagcaacc	aaccagagca	180
gttcgactgg	gccatcaatg	accgcacaa	tgagatggc	cacttcgacc	tgccagggca	240
ggaggaacgg	gagcgcctgg	tgagaatgta	ttttgacaag	tatgttctta	agccgggccac	300
agaaggaaaag	cagcgcctga	agctggccca	gtttgactac	gggaggaagt	gctcggaggt	360
cgctcggctg	acggagggca	tgtcggggccg	ggagatcgct	cagctggccg	n	411

<210> 411

<211> 360

<212> DNA

<213> Homo sapiens

<400> 411

ggataagaaa	tattcagctt	ggtttctttg	gaagtatatt	tggattaatg	ggtgtataca	60
tttatgatgg	agaactggta	tcaaagaatg	gattttttca	gggatataac	cgactgacct	120
ggatagtagt	tgttcttcag	gcacttggag	gccttgtaat	agctgctgtt	attaagtatg	180
cagataatat	tttaaaagga	tttgcaacct	ctttatcgat	aatattatca	acattgatct	240
cctatttttg	gcttcaagat	tttgtgccaa	ccagtgtctt	tttccttgga	gccatccttg	300
taataacacg	tacttttttg	tatgggttatg	atcccaaac	ctgcagggaa	atccacttaa	360

<210> 412

<211> 405

<212> DNA

<213> Homo sapiens

<400> 412

cgttgctgtc	gctggatcac	ggctgcta	ctggatgaag	cccatgggaa	cactcatatg	60
gtggagagga	tcattgaccg	agccatcacc	tcgctgcggg	ccaacggagg	ggatatcaac	120

cgggagcact	ggatccagga	tgcctacgaa	tgtgacaagg	ctgggagtgt	ggtcacctgc	180
catgccgata	tgcgtgccgt	gattgtgatt	gggattgagg	aggaagatcg	gaagcatacc	240
tgcattggagg	atgctgacag	ttgtgtaacc	cacaatgccc	tgggtgtgtgc	acgagccatc	300
tacgcctacg	ccctgcaggt	gttccccagc	aagaagagtg	tgtggctgcg	cgccgcgtac	360
ttctagaaga	accatggcac	tcgggagtcc	ctggaagcac	tcctg		405

<210> 413  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 413						
cgttgctgtc	ggggcatcag	ccccctcccg	ggcggagagc	gcttcccgtg	cccttctttc	60
cactgggacc	ccatccggga	ccccttgagg	gattccttacc	gagaacttga	cattcaccgg	120
agagacccgc	tgggcagggg	cttcctgcta	aggaacgacc	cgctccaccg	gctctcgact	180
ccccggctgt	acgaagccga	ccgctccttc	agggaccggg	agcctcacga	ctacagccac	240
caccaccacc	accacccacc	gctgtctgtg	gaccctcggc	gggagcacga	gcggggaggc	300
cacctggacg	agcgggagcg	cttgacatg	ctcagagaag	actacgagca	cacgcggctc	360
cactccgtgc	accccgctc	cctcgacgga	cacctcccc			400

<210> 414  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(399)  
 <223> n = A,T,C or G

<400> 414						
gagaagcaca	cctacacctc	atgggatctt	gaggacatgg	aaaaataccg	catgcagtcc	60
atccggagag	agagccgtgc	tcggcataag	gtgaaagggc	ctgtcatgtc	ccaatatgat	120
aacatgaccc	cggcgggtgc	ggacgacttg	gggtgggatct	atgtcatcca	tctgcgtagt	180
aaatcagatc	ctgggaaaac	tggacttctc	tcagtggcag	aatgaaagga	gagccgccat	240
gcagccaagg	ccatcagtcc	cgagggagag	gaccgcttct	ataggaggca	tcccgaggca	300
gagatggaca	gagcccacca	tcacggaggc	catggttagca	cgcagccgga	gaagccatcc	360
ctgcctcaga	agcagagcag	cctgaggagc	aagaagctn			399

<210> 415  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 415						
aaaggggtggg	agtgggggcta	cagataaaaa	actatacagt	aagtataatg	tacactgctt	60
gggtgacagg	agcactaaaa	tcttataatt	cactgctata	taattcacc	atgtaacgaa	120
aaaaacgctt	ataccacaca	agctattgaa	aaaaaaaaaa	gtatccctta	ggaatacaat	180
tttttttttg	aggtgttacg	gcaggtgacc	tattttttatc	ataaactcaa	aagggtttgg	240
ctaattttta	catacatact	ctaggggcta	atttcacagg	gtagcacaag	gctttaacaa	300
tttccttgct	caattaaatc	aatttaacaa	taaactggaa	aatgaaag		348

<210> 416  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> n = A,T,C or G

<400> 416  
 atggccttttg cctctgagtc tttccaagta gtggcggttg tgggtctgcc ctccgcaaga 60  
 catctgtcgt gagtgtgact cttcttcaga tcagcaacag cagtcggtcc ctcccccgaa 120  
 ctcattctca agccagtcag taagactctc ttcaaaggga gttgtcctgt aagtccctggc 180  
 aaccgagtgg tgcagcttag gagtgtctgt atgcgtttta aaacggacag ctggccgggc 240  
 gcagtggctc acgcctgtaa tcccaacact ttgggagggtc gaggcgggag gatcacttga 300  
 gggcaggagt tcaagaccag cctggccaac atagagaaac cctgtctcta cgaaaaaaan 360

<210> 417  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 417  
 gggaaatttg attattgata aatcatttga tattagttag aaattgttaa ttaagagtga 60  
 taatgacatt atggttatgt aagaaagtgt ccatatttta gagatgctaa tagaaggatg 120  
 aagaaataaa atgatgtgac ttttgtgttt gcttaagtta ctttggtaaa gaaagaaata 180  
 ataaaaaac taaatgaagc atatttgttg aagatcattt gaccatatac acaagagttt 240  
 atttctgggc tctattttat tccattgggc tatttgtctg ttttcatgcc agcactacac 300  
 tgttttgatt actatggctt tgtaatatgt tttgaaatca ggan 344

<210> 418  
 <211> 219  
 <212> DNA  
 <213> Homo sapiens

<400> 418  
 ttccttcaaa ttctgtctat atagtatttt agcaaacctg tgctagtaac attagaaaaa 60  
 aaataaattt actaaccaaa gactttatga aggtcataca tgaagaaatg ggtgttttag 120  
 taagaaacag aaatttctta agcttctcat tagatttctt tagatttttag ttcaaaatag 180  
 atttgagtga gtttatttct gatgcgttgc tttaccctg 219

<210> 419  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G

<400> 419  
 gatgccttga gagtttcttg ttgcacaatc tgtttgtctg tagagaagtg gcatccagag 60  
 ggcggtaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaaagaggg 120  
 ccttaggtcc tcaggaaagg ggaaaggagg ggatatggcc ctccctcca ggtcctcata 180  
 tttgttgccc cttgttcttg aacggacca gaggttgc ttcagagggt tctaatttac 240

tctgtattcn	tgtgtggaaa	agcaagaggc	agcatgtcca	gtggactgtg	agactgagca	300
ctctaaagcc	agtaggggtca	agtcactggt	agcccactgg	cacc		344

<210> 420  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 420						
cagtacattg	ggcaaataat	gattacgatg	agaggcatga	cagtgaatgg	atgaaacgat	60
tctgtttttg	tttttttttt	ttcccccaaa	attgagtcce	ctcaattttt	ttcaccgtta	120
tccacagact	tcaaaggctt	aattactgcc	tgttagattt	aggagggttt	aaattttgcc	180
ccctatgttc	cttgaaaaca	ccgctcttta	aaaaaggggg	aaaaggccgg	gggagggtgg	240
tcaaacctga	aatcccaacc	tttggggagg	ttgagtcagg	cgggttcacaa	gggaggga	300
cctacccttt	ttactaacgt	ggttaccccc	gctttactaa	actcccaata	ttg	353

<210> 421  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(381)  
 <223> n = A,T,C or G

<400> 421						
cgttgctgtc	ggatatgatg	ttttattcct	agcctttcct	caacacatgg	attcattctg	60
caaagcaggt	gagagaggag	gcaggtcagg	tctttactag	aaagccttac	ctgacaccag	120
atgctgtaga	gaaacccagt	ttctagaagg	ctgtcattgt	ccacaggctc	ggggagaact	180
ctttttttct	tgcacatctc	aaccctcttc	atttggggaa	ttcacaattg	tgtaagtctt	240
ggtggaagac	aggatcctgt	ttctggtcaa	ggaaaataca	aggtcagata	tggtgtctcc	300
ctgaacgttg	gtgtgtgaat	cagggttcct	cagagaaaat	agaaccaata	ggggcttggt	360
tgtgtgtgca	cgtgtgcacg	n				381

<210> 422  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 422						
ctaatacata	ggataaatac	ttgagggtgat	ggatacccta	tttaccctga	tgtgattatt	60
attcatttga	tgcctgtatg	aaaaatcttc	atgaaaccat	aaatatatac	cctagtatct	120
acccatggaa	ataaaaaatta	aaaaaataat	aataattaaa	aaaacagtaa	agcagacatt	180
ataggggaagt	tttcaaaaaa	agaaactaaa	ataaggtaaa	ataacaaggg	ctcaatcttc	240
tggtttttgnt	cattttattca	cactgctgcc	taacataaaa	gaaatatatg	aacataaatg	300
ggaagaaatt	ccatccagaa	ctctatcata	tttacctttt	ttaaatcttg	gttaaaaa	358

<210> 423  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(356)  
 <223> n = A,T,C or G

<400> 423  
 ggaagaaatg catcactagg ggttgattcc caatctgatc aactgataat gggtagagaga 60  
 gcaggtaaga gccaaagtca ccttagtgga aagggttaaaa accagagcct ggaaaccaag 120  
 atgattgatt tgacaaggta ttttagtcta gttttatatg aacggttgta tcagggtaac 180  
 caactcgatt tgggatgaat cttagggcac caaagactaa gacagtatct ttaagattgc 240  
 tagggaaaag ggccctatgt gtcaggcctc tgagcccaag ccaagcatcg catcccctgt 300  
 gatttgcacg tatacatcca gatggcctan agtaactgaa gatccacaaa agaagg 356

<210> 424  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 424  
 tactgtcatt tgtgcatatg tagttacatt ttcctggaaa gacctctctg tcttttcaaaa 60  
 ttgttatgtt ccttgaagac ccaattcaaaa attaaactttg tgggtgtgaaa aattttctttg 120  
 ccattcctta gaaggaataa ttattcctga cataacttaat atttgatatg tattactatt 180  
 ttatcgctac ctttggatac ttgtgtgtct ttactcacct cataaaaggagg ggttttatgc 240  
 accggctaata ctaacaacta cttcttaaaaa tccgtgtatt aggacttgtt aattttataat 300  
 aaaggcccgt cggtcaactg cgtgctttaa actataaaaa tgggggcttt acacag 356

<210> 425  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(351)  
 <223> n = A,T,C or G

<400> 425  
 catttggcag cagtgaactg tctcaggaag gcatttttaag gggagctggg attgtcatcc 60  
 tagggaaaatg gccttttggc agcattgaac tgtctcagga aggcatttta agagggtcgg 120  
 aattgtcaat tgtcactata gggaaatggc cttgagcgaa taaaaactat gctaggggtt 180  
 gttcaagtct ctttgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtctgg 240  
 gggtcangtg ggtgaaactg tgctgaaatt tgcagatcgt ataggccaac ggtgaggcct 300  
 aaatgaaaag tgtgtctcata gaggcccgat gtaagtttgc gcataaaagg g 351

<210> 426  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 426  
 atattccttc cacaattcct cttactggaa tattgagggg agaaaacaga ttgatgaaaa 60  
 acgtgcaaag ccagattact taacagttcg ctttcgcaag tctgaacact gaaagacagt 120  
 aggtaatatt ccttagagta gaggagaaag taatgtaaac ctgggggttct tccctcaccc 180  
 aagatgggtgt tatcagggtta aggtgacaga taaatatttt ttggtatgaa taatccaaac 240  
 aatatatcag gcttaagtcc ttcctgaaag aaaaatgttc aatcacttaa aagagaacag 300  
 tataaggccg gacgtgggtg ctgacgcctg taatcccagc actttggggag gccgaaga 358

<210> 427  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 427  
 tggagaaga agaattgtct tgggccacac ataaaataca ctaacagtag ctgatgagct 60  
 ataaaaaaaa aaaaaaaagg ggctggccat atttttcagg attccccct tcccaaataa 120  
 ccaaaaaagc cctcccttta aaggggctga acatggttgt taactgcca caccagtacc 180  
 cataaacccc atggggcttt gaaattttta ttttattttt tatctgataa agttaaatt 240  
 ttagtttctt gcccgggccc ggggggtccc ccttattccc caccactctt gggaggcccg 300  
 agctctggtg ggtcccaggt ctaaataaat atatacctctt cttcg 345

<210> 428  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 428  
 tgtgcgaatg cttcacattt tccataaatc aaaagggaaa aaaaagttgt gagtgaatg 60  
 tcattaacca ggacatttta gaaatgcaga acctggactt ttgattgcac accatagata 120  
 aaaatgcagg aaaccatagt ttccaactca tggcaccatc attttgtatc tttggggcta 180  
 taacttgccc tgggaagaac tatttcattt ctcaacaatt ctaactcttc ttctgaggaa 240  
 tcccagttac tactgagaat gagtccaata acttccttca atgttaagtc agtgatccag 300  
 ccagaatcag aaatattctt a 321

<210> 429  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (344)  
 <223> n = A,T,C or G

<400> 429  
 attttaagat aaccttgaaa agaatggaaa tggtagatca tttgaaaggt agtggggaaa 60  
 gtaagaaagt gtggaacagg aaaaaaaccc aagaacttaa gaagtaaaag caggtaagat 120  
 taaaaaaaaa aaagactata aaagagaagg gaaaaaaaaa catagaaaaa aaatcgaaac 180  
 acatcagtgga ccagaataaa ggcaaacagt cactactgcc agttaaaaga cagattctag 240  
 gccaaagcgtg ggggctcacg cctgtaatcc caacactttg ggaggccaag gcagatgggt 300  
 cacctgaggt caggagtttg agacctgcct ggccaacatg gtgn 344

<210> 430  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 430  
 ttcaggactg tgagaaataa atgcttttta gttataagcc acccaattta tgtgttttgt 60  
 tataagatcc cccaatggac tcagacaatt tggctggcca gttctggctc tgggtctccc 120  
 atgaggctgc catcgtagat cagccagggc tgcagtcac tcaaggcctg actgggggca 180  
 tcttggaggc tggataccac aagtacctac catgagctag gtggtgtaca agtaatatat 240  
 agcaacaaca atcataatgt acaattggaa gttatttcat gtttactatg tgtccagatg 300  
 ttaagtactt tccctgagtt acctccttta tcttcataaa aaccctacaa atttgggtctg 360

ggtatcatc

369

<210> 431

<211> 360

<212> DNA

<213> Homo sapiens

<400> 431

aggggcttcc	cagacctgtg	actgactgaa	cacgtgtgtg	tcattacagc	aaagaccaat	60
aaggcttgca	ggaaaaactt	gttgaattct	ctttgacctt	aagtcaccca	cattcattta	120
actgtgaagc	tcttttcctc	ccactgcgta	gcacccatg	gatctatcat	tctttaaaat	180
cggatgga	aattctggtg	tagataccat	ttgttaattag	atagagtctc	ttaacctctt	240
tggaacatac	gccttttgag	aaaaggatgg	tcggaaggga	ttgtgcacaa	ttctgtgctc	300
ttcgaagccc	accgaagacc	cgcctccatg	atcaggggaa	gcaaagaagg	gaacaaaaaa	360

<210> 432

<211> 355

<212> DNA

<213> Homo sapiens

<400> 432

gcctgagtga	cagagtaaga	ctccgtctca	aaaaataaat	taaaaaaaat	tttttaattct	60
acataacact	gatatataga	aaaaatgacc	atgctgaaac	actgtggatt	ttagaagcaa	120
tgcgctgttg	atagcccaca	atgattgtca	gttcacatgc	aagagtccca	atgcaacctg	180
aggattaata	tgcataaaac	cgcagttggt	ctaaaggtag	aagttactta	catgcacata	240
cataatgtac	acctacacgc	agttttttta	aagacagaag	aatgtcaat	agtaaccaat	300
gtcaacagca	cacgttataa	gtgtggaatt	atgggtttct	tttagtttt	ctata	355

<210> 433

<211> 392

<212> DNA

<213> Homo sapiens

<400> 433

cgttgctgtc	ggcaggctaa	tgtttcatat	gcattgtattt	tatttttatt	taaagttatt	60
tttacatggc	agtggaaatg	gccttcatct	gtcaacatta	acccattgg	acttgcaggg	120
cactccctta	aaaggaactg	tcgcttaggg	gattaggcaa	ctaaaccgga	cctcttgaat	180
tacttttca	ctgtgctttc	tgaggaaatg	ctgattgggt	actgctaaag	attccactaa	240
caattcaa	at	tggtcccatg	gcattgaaat	gcccattgcc	gcattgcaaaa	300
atgctgaggg	tctgaaagac	agattgtttt	gtggaaagta	aagagctctg	gtctggaaga	360
agctgtttcc	cttaagcgtg	ttcgggtgtg	at			392

<210> 434

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 434

tcagcctccc	aagtagctgg	gatcacagg	tatctctagg	atagcttcta	acccaacatt	60
aagcactaaa	ataaatattg	cttccctttg	cagtctctcc	tagggccagc	caagatggaa	120
tgggggatgg	tcagaggaaa	aaggggcaga	gagtactctg	cctcatccag	ttccaaatgt	180
tggggctcct	caaggctcag	acctaggccc	tcttctcttt	cctctctaca	ctcttttctt	240

agaagtcacc	tcatctgttg	ccatggggtt	gggtaccata	gttatatact	ggtaactcca	300
aaatccacat	ctccagccca	taactctcct	ctgaatgcca	aattctccac	ttggn	355

<210> 435  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<400> 435						
ggtctcgaac	tcccgaacct	aggtgatcca	cccgcctcgg	cctcccaaag	tgctgggatt	60
ataggtgtgg	gccaccatgc	ctggccaacg	caaggtaaag	ttttaacgtg	gaatagaaaa	120
aataatcttg	ttaaatccct	gggatggaaa	taacatagcg	acaaaaagag	tacatctttc	180
tctcacatgg	caaaagtcttc	ttcttgatgc	tacagtataa	aagtaaaaag	cacgggtttca	240
gtcttccacc	agatgtttta	ccccaatccc	cactgttggt	tttcacaaaag	cttttgggat	300
cacctggt						308

<210> 436  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 436						
cgttgctgtc	gatttgaaaa	ggttggtgtg	tagttggtct	gtaattaagt	tgcagattta	60
aaactgctgt	tagctttgtg	aatcaaaaata	taggtgtttt	ttgtcctggg	atatcgatcat	120
tccagctgca	gatggaatcc	cattgatctt	ctagctacca	ttcattttct	tactgtttca	180
caaaagaaga	gtgtgaaatt	cagtgaatgc	tggtactaat	cctgtttacga	gatgaatctc	240
atttcaccaa	aattaaatta	tgtttttccg	ctaaaatgat	gatacaagtt	gaagacacat	300
cactctgaaa	ttggaagacc	tcaccactta	aggctccaca	gtggcttact	cagctgaact	360
ctaggttact	act					373

<210> 437  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 437						
ttcttttttag	gtgtattata	atcatttgct	tacatcagtt	tcctttacaa	aatttaggac	60
agaaatctag	tctgattcat	tctgatacta	ctagagcata	gtagaaagta	gaatcttatt	120
aaacttctgt	tgatttgatt	aaaagggtac	ataacgaagt	gaaggcagaa	ataaagatgt	180
tctttgaaac	caatgagaac	aaagacacaa	cataccagaa	tctctgggac	acattcaaag	240
cagtgtgtag	aggaaaattt	atagcactaa	atgccacaa	gagaaagcag	gaaagatcca	300
aaattgacac	cctaacatca	caattaaaag	aactagaaaa	gcaagagcaa	acaca	355

<210> 438  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 438						
tagaatttta	ttctatctaa	ttcgtttata	ctcccagagt	tcgaaattac	attttaccta	60
caataaatga	gataaacact	gcaaattata	tggtactctg	cctaacacac	gttaataact	120
caatacatgt	tagcaataaa	cttttagtat	agtagtcaaa	gtattaattt	ctcacattgc	180
aaagttcctt	caaagacatg	aatacaacct	ttctaataac	tccttggtca	tcaagatacc	240
tcttcaaatt	attctattta	cttcattcag	tatattatct	gtgtataacc	atatgatatt	300
acactctttt	ttttttttga	aagggaatct	aattctgtaa	cggaggcggg	g	351

<210> 439

<211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 439  
 acatttgcca cacgggttggg agtccttctt tctttgctct gacactaaca cggctcttat 60  
 actcgacctt tgtccctctt gtcttttttc tctctctttt ttttaactaa tggagacaca 120  
 ggcataggtt aaaatcagag atatcttgct cagggttttc gagcaaacac tgtgttccag 180  
 cccacagcat acaatagtat atgcagaatt tagacactat ctccccaac taaagagtga 240  
 acacctttca gtactttcta gaacaactct agaaagaaat atatagaaac agcaaccaag 300  
 tatttagcag tttttctaatt ttgtaagacc ctttgggaaa aaaagaaa 348

<210> 440  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(370)  
 <223> n = A,T,C or G

<400> 440  
 gagatttggtt acggatttta gacatcttct aagtaactcc acagaagact ctcaaaacaa 60  
 aagcgtgacc tcaacctgcc tatagggtgcc ctagtggaga atgcttgata ccagggtgaca 120  
 acccccacgc gccccaatag tgcaagaaca aagtggaggc cagagaagggt gctggtagtt 180  
 tcttcttagt tctcagaagg cttatctgat gatccactca cctctccttc caccttaagg 240  
 gaagaatgga agataataag caaaacttct agaaagagca attagccctt caacttctaa 300  
 tatccagggtg ngtcagttcc cagtgcagaga ggtaagtggg caatggtaag ctgtgccaca 360  
 caccaggtag 370

<210> 441  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 441  
 ttcttttttt ctgagggttct gaaacaaaaa caaaacgtag gctctgcaac agctgaagga 60  
 gcttttgaaat tctttctgaa gaggaatttg actttacctt accaatgcac ttctgtgtga 120  
 tgctatatcc gctaaagagc aagacaggac ctccagaggca cagtgtctca ctgcagaatt 180  
 tcctcttggc cattcgaaat gtattacagc gttctgcacac aaggctcttca cttattctgg 240  
 tatctgtaat atgtatacaa agcaactgag ggtcctgtta aaaatacaga tttggcgggg 300  
 tgcggtggct catgcctgta atcccagcac cttggggaggc tgaggcgggc agatcacaag 360  
 gtc 363

<210> 442  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(355)  
 <223> n = A,T,C or G

<400> 442  
 attgcaccac tgcactccag cctgggtgac agagcaagac tgtctaaaaa caacaacaac 60

aacaacaaca	aaaaaaccat	aaaagaaaga	aaaagagaga	gaaaggaagc	aaggaaggaa	120
ggaagatata	aaaaagaaaa	agaaagaaaag	aaaagaaaaag	gaaagaaaaag	aaagaaggaa	180
agagaaagaa	agaaagaaaag	agaaatcgat	cgaaagaaaag	aaacaaaaaa	agaaagaaaag	240
aaatccatct	agtagctctg	tgttggggga	ttaaagagac	aaatactggt	ggctgggagc	300
ccagtgagga	agctgtgggg	aggaagtaag	tacattggga	tgctcagaga	ctacn	355

<210> 443

<211> 367

<212> DNA

<213> Homo sapiens

<400> 443

tacagggaaa	gggaattcca	aaccaagtgc	acagcacaaa	caaataaatg	aagacctaaa	60
gcattgaatc	tttcatggac	acttctaggc	ctaaatccct	tgactttata	aatgtcatgg	120
taaattgcat	aatgcatatc	atcatgccaa	aattcatatt	ttataatgcc	atatgttaga	180
tctccttact	gtgggtttcac	ctgaggcaat	cttctgaaat	tttctttaaa	aaaatgaaga	240
gttgtctggg	cgcggtgggt	cacgcctgta	atcccagcac	tttgggaggc	cgaggtgggt	300
ggatcacctg	aggtcaggag	ttcaagaaca	gcttggaaca	catggtgaaa	ccctgtcttt	360
acaaaaa						367

<210> 444

<211> 356

<212> DNA

<213> Homo sapiens

<400> 444

ggatcaaatac	cattgcagga	atgaaggatt	tatttttttt	tcagtgtctg	aagtactgcc	60
aacaaataac	cctcagctct	cagtcacctt	gtggattgcc	cctgctaaat	aaagccacca	120
gagcctgatt	tatgcctctt	cctgagggtg	cctgtttcca	atgacagacc	actgttggag	180
tatgaaggcc	taaccagctc	atctaatttg	gggagagctc	taaagaataa	ggttattttc	240
agctccagag	tctcatgaca	tctcaaaacta	catcatagct	catcatcttc	tgaccaaaaca	300
gccttcttca	tttctgtctt	atgctattgc	tccaaagagc	atttctaat	aaacct	356

<210> 445

<211> 354

<212> DNA

<213> Homo sapiens

<400> 445

caccatcata	tatgcatttt	gttggtgacc	gaaacgtcgt	tatatattct	ttccatacat	60
agcatgtgga	aagaatagat	ctcttttttt	taattgttcc	acactttacc	atataatgga	120
atacgcaaaa	tttcacaata	cctttcagga	tgtaaaatac	atataccctt	tgacgacatt	180
agaaaagaga	aaatgtgggc	cgggcgcggt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggccgaggc	gggcggatca	cgaggtcagg	agatcgagac	catcctgggt	aacacggtga	300
aaccccgctc	ctactaaaaa	tacaaaaaac	tagctgggag	tggtggcggg	cacc	354

<210> 446

<211> 183

<212> DNA

<213> Homo sapiens

<400> 446

tgggttccgc	tgtgagaaca	cgacagatgg	gttcggctgc	catatgacga	tagacaggta	60
ctcgctgcga	tttcaactgac	tgattgtctc	cgtctccata	atttttctaa	ttgttactgg	120
tgggagtctt	ctccctgtct	tgcttttttg	tttgtaatgt	cttgacagtg	ccgcgatccc	180
tcc						183



<210> 447  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 447  
 tcagcatata accctagatg atcttgcgt gaagatgaag gagatcacag acaacatctt 60  
 gccagggctt gagttttaat gctggcggtt tagatatcct gttgggctac aaaaacatgt 120  
 caggcaagat gttaagtttt gtttaaagca tcaagaattc caggcccggc gcggtggctc 180  
 acgactgtaa tcccagcact ttgggaggcc taggcgggcg gatcacgagg tcaagaggtc 240  
 gagaccatcc tggttaacac ggtgaaaccc cgtctgtact aaatatacaa aaaatttgcc 300  
 ggccgtggta gcgggcgcct gttgtcccag ctacttggga ggctgacgca g 351

<210> 448  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 448  
 tataaatagt tatcaaatat tcacagtatt tcaggtagtg ttttaagtcc tttggaaatt 60  
 ttctataatt aaaattttaca ataatctttc gagatagcaa ctatgattat tccaactttt 120  
 aaaaaattga agtttagaga ggataaacia ttgccatgg ccaggtagct actaagttac 180  
 agttccaaga ttcaaacata cagcttgact ccagagtcta tgcttttaat caataactta 240  
 aactgtcttg atgtagattc tgatgggata ttcagctatt tctctcaga attgtatatg 300  
 tgggaatagt atctgaaaaa cttggattcc tttatatgta aggaaaa 347

<210> 449  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 449  
 ttccagttcc tgcttcataa cagatgctca acagatgttt attgattatg aaaaggatcc 60  
 ctgaaaagct ttctcctgga attagactct cagccctaga atagagcaag cctgcagaaa 120  
 cgagaactgg aggcttgaaa gtcctccata actgggttga agagaaacca ttttctgta 180  
 atcttttttt tttttttttt ttttgaaaaa ggaatttttt tttggggccc gggggggaac 240  
 cccagggcct gctcgagagg tgcggaaacc ctgggtcgaa aagaccaccc aaagacgccg 300  
 cgccaacctt cttttttctg gggaaaaaag ggggctgccc ctcccc 346

<210> 450  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 450  
 catagaaatc caccattcac gtaagttttg gcctgggtgtt attgcagtct cttaatttag 60  
 ccaacaaaga aggttggtct aaagacacct gtttttgcac gtaaagtatc aggctggaag 120  
 gcttggtcgg gcatggtttt agcaacagga ctttcatttg tgatagttca gtcacgtcct 180  
 ggggaattga ggagaagatc caccctacca aaggccagtc ttgcttttagc accaaagaat 240  
 taattttaaa agtttagagt ggccgggcat ggtggctcac atctgtaatc ccagcacttt 300  
 gggaagccaa ggtgggcaga tcacctgagg ttaggagttt gagaccagcc 350

<210> 451  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 451  
ggattattga gaacaacaga attcaaaacc cttgaaaaag aaaatgatgt gtatctatat 60  
ttaagcaga aatacacaaa cacacttata gtaactacaa ataacatcta gtagctcaga 120  
cctattgcc a tttatttcat gttcaatatt gtacagacaa catactatga aaagtgatgt 180  
accatattta tacgtatata ggtgaatttc aatccaacac taagataatt actttatggt 240  
gtagaaccat atataaatac ttttttgccc tgctctaacc attgcttatc aagactttaa 300  
gattatgaat gaatgggtcat acttattata tatagaaact attatttgat gaagggtact 360  
tgcattcct 369

<210> 452  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 452  
agaatagctt tcatcccaaa atttgcttgg aaatagttag atcatttgat ttaattttca 60  
cttttataaa ataagtgtag gaatcctaaa attgattact tcatttgaaa cacaaattca 120  
gtaggacgta atgcatgaaa taatttaatt tttgacatgt acatcgaatc ataatttaaa 180  
aacaaggtct gaccaggtgt agtgccctcat gcctgtaatt ccagcacttt gggaggccaa 240  
agtgggtgga tcacctgagg tcaggagttt gagaccagcc tggccaacat ggtgagaccc 300  
catctctaca aaaaatacaa aaattagcct ggtgtggtgg tgcacacctg taatcct 357

<210> 453  
<211> 264  
<212> DNA  
<213> Homo sapiens

<400> 453  
gtgtgtagtg atcatctgta gttgttcaaa cgctctctga agcttatgct cttgttcatg 60  
tcccattttt gagttgtgcc tacatgatgc tggcaacaga taagacatgt agttttaata 120  
aatcactaac ctttatattc tgcttatttt taaattataa attccatctg tgtaaatagt 180  
ttctctcttc ttgcacttta ctaaaagcag ttaaaagaaa ccattctgag gctgggcacg 240  
gtggctcatg cctgtaatcc cagc 264

<210> 454  
<211> 352  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (352)  
<223> n = A,T,C or G

<400> 454  
tggctctttt gtttttggtg tgttcatttc acagcanatc agtgagcgtg tccttactgc 60  
ctggccccag ttcaagtcc tgggttagtg cttcggtttt gaagtcagat gacctggggt 120  
caagcctgtg ccttgccact ggggtggtga gtggccttgg gcaagctatt tgctaaactt 180  
tctgtttctg catgtatata aagtgaataa gactgattcc tttcctttgg aaggctgttg 240  
aaggtcaggc ctggccactg attcttataa ttctttttac taaaagcaga ccgaaaagtt 300  
taggatcgct ttggggccac tcctcttgaa ttcaagcctt gccccctttt cc 352

<210> 455  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 455  
 tacctccagg catgtggaca tgatggctag agctacagtc acattttttt ttttaatacca 60  
 tgaggcaagt ctttggatga aagttagggg ttaagtaagg agaaacagaa gaatcatagg 120  
 cacctgggcc actgttggtta ctacagagct tctgcaccag ctctacctaa gaagaatatac 180  
 tcttctctaact cttagtata tgtaggaaaa gaactctcta tttgtttaag ccattttttt 240  
 tcctagactc tcttataagc agcaaaaaaa agtcccaatg tgggtggcccc tccccatagc 300  
 ctctgaaatg aaagaaatgg gttagaaggc agaagtggat atagatgaat 350

<210> 456  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(380)  
 <223> n = A,T,C or G

<400> 456  
 cggtgctgtc gggattatta tgtttggaag attattatatt ttgaaagaca acttttctgt 60  
 tgccaaactg tcttctaaag aggttggtca catttctagt ctactaaciaa tttatgaaaa 120  
 tgccacactt ccattggggga atattaaaga ctttgctga aatgatagaa ctctattggg 180  
 tagtggctga agtaagtttg agttggtaaa tcaggggtca gattatggaa aaacttacat 240  
 gttggagaat cagctattct cttgggtgagt ttcttctttc tttgacagat taacaacttt 300  
 ccagcaggcc aaatgagaat tattggctag ctttgtggag ctgtgaggga accctcttan 360  
 aagatttctc attctctctn 380

<210> 457  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 457  
 cggtgctgtc gatttttgaa ttttttcgta gagacagggt tttgctatgt ttctcaggct 60  
 ggtctaaaaa ttccagagct cagggtgatct gctcacccta gcctcccaaa gtgctgggat 120  
 tacagggtgtg agctaccgca tccagccctg aatattcttt cagaggtagg gttttgtgtg 180  
 ttttgttttt agttcaagca gtttgactac atcctaagggt ataaagggtac taataaaciaa 240  
 gtcagttttt cttttgtgca tttttcttta ttttagagcc ttcagggaaa ttttttttta 300  
 gaaagatcaa gagaaggcca ggcgtggtag cttacgcctg taatcccagc actttgggtg 360  
 gccgaggtgg acagatcacc tgaggtcacg agttg 395

<210> 458  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 458  
 cgggggttggg gttgccgata ccactgctgg tatgctgtgt aaaaacagcc ttgtttgagt 60  
 agattgagag gctatcgcta tattgacttc cctcttcagc tgcgttattg aggatcacaa 120  
 cttattttgc cagcactcta cgctatggga ccacatagag gtgctctaag atagtaacat 180  
 taaagaggac atataatata accaaaaatt tgagttccag ataagtttg tgtctcacta 240  
 gcaagatgac gttaaataac tcatttaatt tttttgaaat ctttaatttc tgttctgaa 300  
 aataaaaagc aatctgtctc ttgtccaaaa gactatgtag gggtttttaa aatttt 356

<210> 459  
 <211> 393  
 <212> DNA

<213> Homo sapiens

<400> 459

cgttgctgtc	ggtggcgggc	gccggtagtc	ccagctactg	ggaggctgag	gcaggagcat	60
cgcttgaacc	cgggaggcgg	aggttgcagt	gaaccaagat	cgcgctactg	cactccagcc	120
tggcgacaga	gggagactcc	gtctcaaaaa	aaagccgggc	agaattaatg	atthttgaagc	180
tccgagaaac	aggattaaat	tcctctttca	aaccgaaatc	ggaatttgat	tttttaaaag	240
tgtaaaatac	cataaacttt	taaggttagt	tggtcggtaa	ccatgtcacc	aatttttaagg	300
cactttctga	gttgtgtata	gtttctccag	agccctaggg	gaaatgtttt	gcaaaatatg	360
cacgttttagc	tttccaaaac	aagttgtctt	ttt			393

<210> 460

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 460

cggaaggaa	gattacctgc	tgtcaaatta	gaaaattaca	attaaaccat	tgatatttcc	60
gtgagaagag	aaaactagta	accgtgaaga	agtgagggaa	aacaaatgat	gacgtcatgt	120
taacaatagg	aaagacatgt	ccttttgtaa	aagatgctgt	cacccatcac	agactatttc	180
ttccaatatg	gatttgcaaa	acatgacagt	cgagctcacc	aaatctctcg	tggttgccgt	240
ggggcagggc	gaggtggccc	acacctgtaa	tcccagtact	ttgagaggcc	aaggagggag	300
gattgcttga	gcccaggagg	tcaaggctgt	aatgagccat	gatcan		346

<210> 461

<211> 353

<212> DNA

<213> Homo sapiens

<400> 461

ccatgtgagg	tgacgccccca	ccctgcttcg	gctctccctc	tgtaggctgc	accactgtc	60
caaccagtcc	caaagagatg	taccaggtac	cttagtgagg	aatcactcgt	ctctgctgc	120
aatcacactg	ggagctgcag	accagagctg	ttcctattca	gccatcttgg	aacagacctc	180
ccatggtagc	atcttttaaac	tgaaatattg	gacagagagt	ttccattgct	gtagtatttt	240
gcttaattat	tatctttata	gcagggataa	tagttgacaa	aaaggaagca	tgaaagttht	300
accatcactg	agtctgctag	gccttttttg	gggtctagta	atgcagttht	aaa	353

<210> 462

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 462

gagtagcagc	agtgacttaa	cagattthtt	tttcattgct	gctgcttctt	aatcccttht	60
gagcctcaat	ttctthttgt	ataaaaaggg	aacaataacg	atthttgtaga	gatgaggtat	120
gcaaagtctc	tggtgcagc	gagcactcag	taataagagc	tatttattgg	gccaggattc	180
caactactth	cataaaaata	gcaggaaaag	caaatggaaa	gctgacttga	tggtagggga	240

ggcttctgcc caccaactag ttccacgttt ctcaaccctg cactgaatgt taaaatcacc 300  
tggggaactt ctgaaaaatt atgatgtctg gtcccaaccc catggan 347

<210> 463  
<211> 359  
<212> DNA  
<213> Homo sapiens

<400> 463  
cgggtgactc aatgtattca caggcttcaa aaatatgctc taagaaaaaa atgggggaaa 60  
aggaacagtt ttccatttca aaagaattcc agccaatgaa tgtcaaagga aagagggaaa 120  
tacagtatca ccattaggca aacaccacag taataattat tgctgataag atccactaat 180  
ggatgctaag attaatgggc aaaagttgag gagaaataag atatttgccg aagcctcaaa 240  
ggtatctccc tcaagatatt tattaatata agccgtgcgc ggtgggtcac gcctgtaatc 300  
ccagcacttt gggaggccga ggcgggcgga tcacgaggtc aggagatcga gaccatccg 359

<210> 464  
<211> 225  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(225)  
<223> n = A,T,C or G

<400> 464  
ttccttcaaa ttctgtctat atagtatttt agcaaacctc tgctagtaac attagaaaaa 60  
aaataaaattt actaaccaaa gactttatga aggtcatata tgaagaaatg ggtgttttag 120  
taagaaacag aaatttctta agcttctcat tagatttctt tagatttttag ttcaaaatag 180  
atttgagtga gtttatttct gatgcgttgc tttacctga ttacn 225

<210> 465  
<211> 397  
<212> DNA  
<213> Homo sapiens

<400> 465  
caattctgca cgagcctagc tacagggtttt aggtatgata aagacttggt taccacaaat 60  
agctgaccag aaaccataat tgggcggagg caagcatcag ctgaccaagc attttccaag 120  
ccaccacagt gattcagctg ctctctctcc tgcactctct atggaaaaga tggaccaaac 180  
acagctagga catcaagctt taaaacccaa gcaaccttgg cacctcacac aatggccagc 240  
tatgaacctc acctggatcc acaccactcc aatttgcaac cccctctca gctccccagg 300  
tactatctcc tttagccatg gacctttaag cactggaacc ggcattggcg tattcttttc 360  
ctccgcatgg agtgcaaccc ttctccact ctgcccg 397

<210> 466  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 466  
tagataagta ttggtcaact ttgatgaatc acccataacc ttaaactaat aagtcaaaac 60  
ctctttatata tttgacaaag caccattaga tgattcttag gtccacaaa gggtgataat 120  
cactggccta gatgatacag caataggtaa aactagggtg acagcagtgg aaatggtagg 180  
ggataactac caagaaactg ttttcagtaa gaactaaaag gcattacaga ttgatgaaat 240  
gtaagaatat gaagacaaac agtcaaagat ttaaatcttg attactgaaa aacttacgat 300

actattaaaa gattaagaag tcaggaggag cttaaaaacc tagagaa

347

<210> 467

<211> 366

<212> DNA

<213> Homo sapiens

<400> 467

agggcaagac	tatacagact	ttaactttga	attcccccaa	attagtagag	gggttagtac	60
agagaaagga	cttgatacat	ttttatacac	ttttgaagaa	taaattgata	tttatttagt	120
actcagtgtc	agccaagcac	ttaaactctt	tacattcatt	accccatggc	atcctcacag	180
ccttctgagg	tagaaagact	caactgaagg	tcagtaaagt	ggggaggaag	gcacgacttg	240
aactcaggtc	tgtctgactc	cagatgtctt	agaaaggtag	aatctttcac	ttggaagaca	300
gtatgggtta	gatcatgttc	tccgggcccg	gcacagtggc	tcacacctgt	aatccagca	360
ctttgg						366

<210> 468

<211> 346

<212> DNA

<213> Homo sapiens

<400> 468

tacctgtgcc	caagcagaca	tctcccccaa	tttgtgtatt	tacacccctc	ctgcctgcag	60
aaaggatgaa	acaggattac	cctcaaattt	acagctataa	ttaaactatt	attaaaatcc	120
aggtaaaaaa	acaagagcac	tgcaaagaag	agcgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
tgtgtgtgtg	tgcgcgtgta	taaaaattct	gtcacacaca	cctgggctgg	ggcagcttct	240
ctgggatccc	tgaatcacag	agtgctagca	ccagaggggc	tttcagagat	aaacacgctt	300
cacctgtttt	tatataggac	tgacacagat	taagagattt	ggcagg		346

<210> 469

<211> 189

<212> DNA

<213> Homo sapiens

<400> 469

atatacgtgt	atTTTTTggg	acttgccctgt	ttctgttaat	atcggagtgt	taaagaacat	60
ctctgagtaa	tttggTTTTg	tcattgaact	atttttagta	cattcatgtc	tgaagagtga	120
tgtgacttga	gaactaagct	tcttctgtct	ttacattcat	catttttcca	gaagccacgt	180
agtgtgcc						189

<210> 470

<211> 348

<212> DNA

<213> Homo sapiens

<400> 470

gggaaatttg	attattgata	aatcatttga	tattagttag	aaattgttaa	ttaagagtga	60
taatgacatt	atggttatgt	aagaaagtgt	ccatatttta	gagatgctaa	tagaaggatg	120
aagaaataaa	atgatgtgac	ttttgtgttt	gcttaagtta	ctttggtaaa	gaaagaaata	180
ataaaaaaac	taaatgaagc	atatttgttg	aagatcattt	gaccatatac	acaagagttt	240
atttctgggc	tctattttat	tccattggtc	tatttgtctg	ttttcatgcc	agcactacac	300
tggtttgatt	actatggctt	tgtaatatgt	tttgaaatca	ggaagtgt		348

<210> 471

<211> 187

<212> DNA

<213> Homo sapiens

<400> 471  
 atatacgtgt attttttggg acttgccctgt ttctgttaat atcggagtgt taaagaacat 60  
 ctctgagtaa tttggttttg tcattgaact attttttagta cattcatgtc tgaagagtga 120  
 tgtgacttga gaactaagct tcttcctgct ttacattcat cttttttcca gaagccacgt 180  
 agtgggc 187

<210> 472  
 <211> 188  
 <212> DNA  
 <213> Homo sapiens

<400> 472  
 agtgggaacga tatcttcaga acgctgagag cgaagaattc tcaacctaga agtattccag 60  
 agagcgtacc ttctatgaat gcagataaaa taaagacaat ttgtagataa acaaaaactg 120  
 cagcatttat taccaaggga ctaaagtaat gtctaaagaa tctatttcag gaaggaggat 180  
 aaacatgg 188

<210> 473  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 473  
 ggcacgagct ggggaggagc caaagccttg gcgctcacct aagccgcagg gagatacacc 60  
 caactgggag atgaggaaac agcaaccac agaggagaac taaccacac aggatcattt 120  
 cgtgaaggag caaggctgaa gaaccagacc tggactttct taggcaagta aattctgatt 180  
 atatcacgga gacttgcttt gagaaatctg ccccttttca ctgtgagatg gcgtcattaa 240  
 cacatctagt tctctcctaa gcagccagca aacattttatt atacactaga tatttatattg 300  
 gcatttgaga tgatacaaag gaataaaatg gggcaattag ctctagtaat ttggagggtct 360  
 caacttacgg atattccaag ttcctttgaa acg 393

<210> 474  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 474  
 tgtgtctaag gaactgaatg tttaatgtga cttaattttc attgacttat aagcaacaat 60  
 gccacctgaa ctttagcatt tcttatatcc tcagcccatt ttacttttag caccctagca 120  
 aacattcaga agtgacatgg tcatttttct ccttctggga tggagcgttg gctctcttta 180  
 ttgtcattaa gatctttgaa agcaataaga agatataatt agccgggcat ggtggctcac 240  
 gcctgtaatc tcagcacttt gggaggccaa ggagggtgga tcacctgagg tcaggagttc 300  
 aagaccagcc tggccaacat ggtgaaaccc catctctact aacaatgcaa aaaattagcc 360  
 gggcctggg 369

<210> 475  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 475

tctccatctc	aaaaaataaa	taaataataa	aggtaggggt	ttcttaattc	ttttagacag	60
atatcctcac	attaatctgt	aaaggacaaa	aaaataagac	tttaaactct	taatttgaaa	120
agatatctcc	atttaaactct	cctttgctta	ttttattgac	cacctccttt	gcggatttca	180
tttcctatcc	ttgatttaga	aaaagggtta	gggccggctcg	tggaggctca	tgcctagaat	240
cccagcacct	tgagaggctg	acgcagggtg	atcatgacgt	cacgagatca	ngaccatcct	300
ggctaacaca	gtgaaacccc	atctctacta	aaaatacaaa	aaattagccg	cgcggtgtg	358

<210> 476

<211> 365

<212> DNA

<213> Homo sapiens

<400> 476

ttagcctttt	gtatgctttt	actggataat	tttctctaag	gtagaggggtg	aggagctata	60
tattatgtaa	catttttagaa	atagcagaaa	accatttagg	gggaagaaca	cacacaaaaa	120
ctacccgata	acttctttcc	tgattaaaat	tatcttccaa	caattcaatt	atatgtaaag	180
agggaaaccgt	ggctacacac	gtatttatta	actgtttctg	gcggtccaga	ggaagctgga	240
ttattttttac	cataacaaaa	tcaagttttt	ttcagccggg	cgcggtggct	caagcctgta	300
atcccagcac	tttgggaggc	cgaggcaggc	ggatcacgag	gtcaggagat	ggagaccatc	360
ctggt						365

<210> 477

<211> 366

<212> DNA

<213> Homo sapiens

<400> 477

gcgctctgtg	gctgggcatt	ttaaacctga	cctttctggc	tctgagtttt	tccattttta	60
acctgacctt	tctggatcca	ggcgaaggca	gagacaagat	aaaataggat	tattggatgg	120
cagaatgtat	tcaactattt	ctcctgaaac	ttggaaccgt	attataccat	gggggatacc	180
acactgacgg	aaacgggtgga	taaatgtgag	ttcatatata	ctcctccaca	aatatacatg	240
tctcatgctg	ggcgcatttg	ctcacgcctg	taatcacagc	actttgggag	gccaaaggccg	300
gcccattgact	tgaagtcacg	agtgtgtgac	cagcctgacc	aacatggtga	aaccctatgt	360
ttactc						366

<210> 478

<211> 367

<212> DNA

<213> Homo sapiens

<400> 478

ggatcaatac	aacaaagttt	tctgttttaga	aaatacaaaa	aaaaactata	aatctctaaa	60
gaaaaaaggc	cgtgtcctct	gaactatgcc	acagatatag	aatgtagaaa	gattgtataa	120
tcattacatg	tttaaagtag	atggtgaaag	cctagctcgg	cacctaggac	ggcaciaaagt	180
aaatccttaa	caaatgcctg	taagtagtgg	gtacttttgt	aaagaaaagg	ctccatgttt	240
ttgttggtct	ggaggtgtgt	gtgtgtgtgt	gtgtgtgcga	ccctcaacac	cgccacataa	300
ttactaacta	accctgtgta	cggtagtccc	ccctttttct	tataaacggc	ccctcattct	360
ttatttc						367

<210> 479

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(367)



<223> n = A,T,C or G

<400> 479

gcacccagca	cgggataaag	aggctgtgag	aaggatgaac	agatttttgg	aagacgcaca	60
tttttgtaaa	gctaactcag	atagacttca	ctccgtcctc	atgccctgcc	agtatcttta	120
attttaaaag	aggaagaagg	aagcatcgtc	tcttctcccc	aacagataat	actgggtgct	180
ctgtgcacag	ggtgacatta	aaaaaattaa	aaaattaaag	aggaaggaag	gaagcaacgt	240
ctcttctccc	caacagataa	tgccaggtgc	tctgtgcaca	aggtgacgtt	atccattcat	300
tcctctctca	ggtgtgggag	tgagggtagg	ggagggcatg	gcaacgatgg	cctttgccag	360
ggacctn						367

<210> 480

<211> 337

<212> DNA

<213> Homo sapiens

<400> 480

acaacaaaac	aaaaccaggt	gtagtgtggc	tctaaaggaa	catctgacca	ggttcctggg	60
gaaccagggc	catgggagga	agaagggact	cttctcccat	gagaagggcc	tggagatgca	120
gggactgtca	agtcactttg	gccaactttt	tttgctcccc	tagaatgaac	tctgcactaa	180
aagtggagaa	tcacttctat	gagagaaaga	catacaaaga	aaagatataa	ggcaatgcta	240
cagtaagttg	ggcatatcta	tcaaaattta	aaaacatgta	tactctttga	ggagtcctat	300
tctttcagga	attcattttg	cccttattaa	ctatatc			337

<210> 481

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 481

ttggmctcgg	ttggacagta	tgacagaaag	ggacacaggt	tggagcacag	aaagaagaat	60
catagaggtg	ccaaaggaac	ttagacataa	tgatgtcggt	caagccaaca	agccaagctg	120
aagtaaataa	aaccataccc	aacccttacc	caccaagcag	ttttatggct	cctggatttc	180
aacaggctct	gggttcaatc	aacttagaaa	accaagctca	tgggtgctcag	cgtgctcagc	240
cctatggcat	cacatctccg	ggaatctttg	ctagcagtc	accgggtcaa	ggaaatatat	300
aaatgataaa	tccaagtgtg	ggaacagcag	taatgaactt	taaagaagaa	gcaaaggcac	360
tatgggtgat	ccacatcatg	ggt				383

<210> 482

<211> 355

<212> DNA

<213> Homo sapiens

<400> 482

ctcttgcggt	gagggaaagc	aaggggacca	tcccttgcca	ccattatctg	gtaaatcccc	60
catgtgatgc	ctaatagcctt	ccatccaggc	atctaggcct	accccaaatac	agcaagtttg	120
aaaggacttt	gttggtttata	tatacatttg	cttcattcag	ctatgaagca	ccctgtctct	180
taccagacct	gcacctcca	ccccactgat	ttgcttttgg	gttggttaaag	ggttgcgata	240
cactgcactt	gccagacata	cctctaaaat	agctgttgac	tcttgccctca	tccctaaact	300
ctcctgctgg	gagacccctc	ctattctata	tgcgacgctt	tcattgtgtg	acccg	355

<210> 483

<211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 483  
 agttcgaaga ggtagggaga gaatttccat gggaaaaaat tgttggattg tacttcaata 60  
 caagtaacag gaacttcaag aggacctcta agaaaattat atgtaccact tggagtgtag 120  
 gaacatatgg actggatctg agaccagta agaacagtaa gggtaaagtc tatggctgtg 180  
 accacagcac tgtgtctggt cacaaaataa ggaagcctgc agtgggagca aacttcacct 240  
 tcattgataa cgagcaaagg aagctcaggt caaagggagc caccatgggg ctgccttaaa 300  
 agggatccta cccaagaggt taagtgtctt agcagaacaa tgggacccta 350

<210> 484  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 484  
 cgttgtctgc ggtggcgctc tttatatctt ggttacctta tctttctgtg gaagagattt 60  
 gatgtctagg tttgtcacat catgcctggt tcctatcact accaacaggg ttgttatcta 120  
 gcaaccccgga ttgaatacgt ggacgtcgcg gcttggcctc acagactgtg cgaggatagg 180  
 gtacttgggg tgcgcctttg caaattcgta tttataacta gactacttgc atttccttag 240  
 agtacctgac ttgcccagag agaattagcc tttaatTTTA atttgtatga cagaggattg 300  
 gaaaccttag tcccagtagc ttttagcaaca ttccaaatag cttacaattt ctgctacatg 360  
 ccagtgcagt tataag 376

<210> 485  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 485  
 tctacggttg cgacaaaacg acagaagggg cattttgatg tctagaatca ggggatccag 60  
 gatcatcacc aaggtcattt tcctagacag atgtgctgag gctgtagaaa gtgcttttta 120  
 tttggatggg agcttgtgca taaatgcgag aggggctgcc catctgacgg actagaggag 180  
 actcatggct gaaccggaac aggacatcgg ggagaagcca gcagagcttg tgtttaaagt 240  
 cataattcag aaccocaaag aaaatgactt cattgaaatt gagctgaaga gacaagaact 300  
 gagttaccaaa aacctactaa acgagagttg ctgtgaactg gggattaaac cacaacgagt 360  
 ggagaatatc acact 375

<210> 486  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 486  
 actatcgaaa cagatcaaac gcatagagaa agaatacaac ctttcaaatt atttatatga 60  
 acacagtata atatggatgc ccaaattcaa tgaaatagcg cttctctcta caaccaccta 120  
 gggctagtac ttgagaaaac tgatactggc gcacaacctt caatactatc acaacatatt 180  
 tcttagacct ataccatat gtttatctaa atcacatgga aaaataactg tgcacaaata 240  
 gagaattctt atgaaagaat ttaatgaaga gggagtgaag aatgggtctat tataagccta 300  
 ctgcaactaa aagattgatg ctctgctgca ctaaaagatg agn 343

<210> 487  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 487  
 atactctctt atatgctaga gatagacccc agctaattgag ctctccctag aacagggtatt 60  
 ctgtcactca ctccacacaca cacacacaca cacacacaca ccttttttta 120  
 cactgagaga atgagaaaaa cattaacttt tagctctccg gtggccatat tttcttaaag 180  
 gaggaatca ttacacagta aagcattaat ggccagtgtg tgcttaattt aacaacacta 240  
 caaattcatg tagagatgtc tgattctcta gagaggaaac tgtcattcct tagctgcagt 300  
 cccctcttca actgaagaaa tacatttcac cactaggggt ccacagggga acaaagga 358

<210> 488  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 488  
 aagttagttt tgcagctctc cagcatatag aagagcagtt ctatattctg atttctttca 60  
 ttatagtga ctgacttcca ctggttatgt gggtaagaag ggtctctgac aatttataaa 120  
 acaagatggg gaaaggagac cagcaaagca tgtatataaa acatttggtg cttttttaat 180  
 caaggagacc agaaactgtg gtagtgcccc aacgctttga ttgaaggccg ctgtatattg 240  
 agtgatttcc tcatgacata ttccgactga ttcagacttt ccacagtgtc tattagctca 300  
 ttctgtgect caattcttct gagcacattg tcccattaag agtagtcaa agg 353

<210> 489  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (353)  
 <223> n = A,T,C or G

<400> 489  
 cgggggtgga gcttcaggta tgaatttttc tttctctttt tttagtgggc acagctatga 60  
 tatcagaagg taggcctgga accaagctga tgggagaggg aagacctgaa ctggtcagta 120  
 taagaaggaa atgatatatg aacagggaatg aaatggggcg cgagtgggtca tatagcaaag 180  
 aagggaagtgt gggcagtgag tgcttgatgg ctgcggaggt tctgtttcaa acgataaaaa 240  
 aaaatttttag aaatggacac aacattggcc gggcacggtg gctcacacct gtaatcccag 300  
 cactttggga ggctgaggcg ggtggatcac ctgaggtcag gggttcgaga ccn 353

<210> 490  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 490  
 tactgctttg tgagggaatgt aaaaaagact aacggaaata atgcaatgat ttacaacgta 60  
 tgaatgatgc ttaaaatgta gtactaataa aagataataa ttattatgca ctatgattac 120  
 tgtgcaagtt ttaagaatga aaactctccc taacacttgg aagtgagcac actaccattg 180  
 tccaatgtga aaattacaga acagctccca cacactatag ggaagatctt tctatcatca 240  
 ggacagagac aaacctagct gtccttcta agaactctat tcatatactt atacacagac 300  
 caccattaat acaccatgag ttctgtcaag gaattcttatt tat 343

<210> 491  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 491  
 ttcactgtct cctcactccc aactgtgggc agccaggtgt gcttctacat tgcaggtctg 60  
 gccccacatc ccctgctgca gacctccact ggcgcccccg tgacctcag gatctgttcc 120  
 cagctctgga acaggctctc cggacccctg gccactggca ccctgggcag cttacctcgt 180  
 cccactcctg atagcccccc aatgaccact ttatgcttca gccaaatcta gctgttgaca 240  
 gctcctcaaa cgcttgggct ggctaagcct ctacagtttc catgactctc ttctgagccg 300  
 gaaacacctg cctcctccct acgtgcattc attcccaccc ccgaaacggg acaaactcct 360

<210> 492  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(305)  
 <223> n = A,T,C or G

<400> 492  
 agtcataagc atcttttcaa cacttgactg tttcctgtga aatgtattta ccctcataat 60  
 agttctagta aacagaccct gcgatttggg tggcttgagc ccattcctggc tcttcagcca 120  
 agatgacaaa tttataaatc catttctaac acatcatcat ttagcaaatg ctttatttct 180  
 ggatccaaat ttacatgtct acctgaatct aagattttat gcttatcacg gctatggaga 240  
 gaacatctct tcttattttg tgagcagggg atactagaac aataaagcgc tcgctcatga 300  
 cccan 305

<210> 493  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 493  
 ctccaggagaa ggttagaatt cactataaca aaagtaatag ggttattaat atgactagta 60  
 ttctaagact ctcttaatat gtgggagcag gttagctcagt ttacgggtag acattttatgg 120  
 gtaagtaaca acattgggtga agtgcaaaca cctctctcct agcacacaca acacacacat 180  
 acgtacattc tttttctttc acacagacac aaacacactc ccatggacaa agaaatgcta 240  
 cgaagaatth ccttctctca aatatgctgg atgactctgt taggttttcc cacatagaat 300  
 ggagacttga gtgttttagtc tgggccccac gcatgcagat aagcaccaag ttggat 356

<210> 494  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 494  
 gacacagggtt ggagcagaga aagaggaaac atagaggtgc caaagggaaca aagacataat 60  
 gatgtcatcc aagccaacaa gccatgctga agtaaatgaa accataccca acccttacc 120  
 accaagcagc tttatggctc ctggatttca acagcctctg gggttcaatca acttagaaaa 180  
 ccaagctcag ggtgctcagc gtgctcagcc ctatggcatc acatctccgg gaatctttgc 240  
 tagcagtcaa ccgggtcaag gaaatatata aatgataaat ccaagtgtgg gaacagcagt 300  
 aatgaacttt aaagaagaag caaaggcact aggggtgatc cagatcatgg t 351

[illegible]

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<210> 496
<211> 346
<212> DNA
<213> Homo sapiens
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<210> 497
<211> 347
<212> DNA
<213> Homo sapiens
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<400>	497						
cgggcttact	tctcacgatg	tcaaagttca	tcatacagtc	acacagagct	gcaagggagt		60
ctaggaaaaa	cagttctcaa	aagtagaggt	ggacagcttc	tcagggatct	cccaagctct		120
gatgactctc	tcaactctgc	ttctctctgg	gttccagact	agattctctc	agaaaaagtc		180
ttggaatata	ggatggaaaa	aaaaattccg	ctgctgcacc	tatagattca	cagttctgagc		240
ttctcccacc	accctctcag	cttttgctga	tcaaattcag	gagaaggtta	actagcctgt		300
cttgaaccqt	atgtctatct	ctgggataat	ctctgcacct	gagaaan			347

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<220>  
<221> misc_feature  
<222> (1)...(368)  
<223> n = A,T,C or G
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127

cacggaaaca	gccctgacaa	gctcagcatg	gctacagagg	cctcctaaag	agaggggtgga	180
gcgaaacctg	ggccctctga	tatatgcacc	tgtggacgga	gactcttctc	tgctctctat	240
cccttgtcag	atgccagggt	attagatattg	gctatccttt	ccccacacct	ctttaccatc	300
tgggaagccc	cttgggattc	actgagtga	tagcaatgga	agtttgtaca	ctangccgat	360
agcactgn						368

<210> 499  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 499						
ctatgatcca	ggtaagagtt	gggggaactg	cagagtgacc	cgagctaggc	cagtgcacttt	60
ggagttagtt	tctttacctc	tttgggcatt	agtggcctcc	tctggggctg	gacttagagt	120
cttgggagtc	ttttagtgcc	tactttgttt	tatttctgag	ccaaagtgat	ttggataata	180
cacagtactt	aaagaactga	agccaagcca	gcttccagtc	cctggggcca	gtatatgtgg	240
gaaaccggta	cctactgagt	ccccatggga	tgacacaggt	actgcct		288

<210> 500  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 500						
cgttgctgtc	gaacacaatt	agccactttt	tcagctacac	ttctcactca	gctgcaccct	60
acactttctca	ctcaggtgca	cccccttctg	ctgtcctttc	cccaacgtac	tgggtcccga	120
gcgtgggtggg	tatttgccac	actgggtgcc	agctcagcag	ccccccacct	ctctttattc	180
tctccaaagc	tggtctttct	gactatcatt	gtggtagggg	gaggacagat	gctaaagggtg	240
gaagctgacc	tgagagaaaga	gacacacggg	gtgactgtgg	caaaggacag	ctggaaaaga	300
aactctatca	cttcttcatt	ggcaaccaca	aggcacctga	ggccatggca	ctcccagagg	360
ctgtgcgcag	agccaagcct	ctcaacctct	tgc			393

<210> 501  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 501						
taatattttt	aggagataca	gggttttggc	atgctgccta	agctgggtctc	aaactcctgg	60
actcaagcaa	tccacctgcc	ccagcctccc	aaagtgtctg	ggttacaggc	atgagccact	120
gagcccggcc	ttaagacatt	tttcttacga	ggatattttt	agcccttagg	gaaatttatc	180
atgaaagcaa	tagagttcag	agcaagaact	ctggaatcag	agctcatatt	tgattctgga	240
taaaacctga	agagttatat	aaccttggag	aagctaactg	ccattttgaa	ccatagtttc	300
ctcacgtggg	aaaagggttt	catgttaata	tatataactc	atggattata	atgaagacta	360
catgacaa						368

<210> 502  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (387)  
 <223> n = A,T,C or G

<400> 502

cggttgcgtgc	gcaggtgggc	atgaacgttt	gtaaacacac	cagcactgat	gcctccacat	60
gggtggccct	ggagaatgcc	ccaacagagg	tcaggacagc	tggggacgcc	gtctcagccc	120
tgggtggccag	caccgcctta	cgtcaggagg	ctgcagtgcc	aaggacagca	agctatctaa	180
acccccagtg	tgtgcctcgg	ggagctanca	nntataangc	accattaaat	aaattgggtg	240
tgccctggaaa	tgeaaggagg	gcaatagctt	tgtaaattgg	gttacatttt	tctccttgaa	300
tttttctatg	gtcctagagc	tttccaatca	tttaattggca	ttgtcggata	tcttttacat	360
ttcaattggc	atccatgaaa	ttacatg				387

<210> 503  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(354)  
 <223> n = A,T,C or G

<400> 503						
ttgcccaggc	tgagagtgca	gtgatgtgat	actggccttac	tgcancctct	gcctcctggg	60
ctcaagagat	tctcctgccc	cagcctcctg	agtagctggg	attataggtg	tacaccacca	120
cgcattggtg	cttttttgga	atgaaaaaaaa	agatggccat	aaacatagcc	tgtaggctct	180
tccaattctc	gtaacccaac	ctcctgaacc	cctagcatta	aagtgggtct	tcagaaaaaa	240
gggcagccat	tggggaccct	cagaaaaaaa	gggattttcc	cttttctttt	attaacaaga	300
ggccggtccc	cttgggagaag	agcagggttcg	ccttcgaggg	ccgcgatatc	gccg	354

<210> 504  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 504						
cagttactca	caaaagacca	cgtaccaaaa	taattgcggc	cttttccatt	aaatacaata	60
ccctataaaa	ctggaagaca	aactgggctt	gtgatttcca	gccccaaaga	ataagatagc	120
cagatgcttc	tggcctgtat	agcttatgga	ttaacacatg	cgatgtcaag	atattcaccc	180
agactttgaa	caccattaaa	aataacatcc	tttttttgta	acttgaaagg	cacagatgta	240
cggagcctct	gctttgcccc	cactacctga	cttattgtaa	acgcctttct	tacataaaca	300
tgcatacctt	aacatcagag	atacattctt	tgagaaatgt	gaagccaggc		350

<210> 505  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 505						
gaagtggagg	tggcggggag	cctagattgt	gcctttgcac	tccagccagg	gtgttaagag	60
tgaaactcca	cctcacaaaa	aaaaaaaaaa	aaagcccctt	tctaaaaaac	gccctggaac	120
ttaaggattt	ttacccgaaa	gccttttggtc	ttttaccac	ccactaaggg	tcttttcaat	180
acccccctga	aacccttggg	cttctgggaa	actggatggg	aaacacatgt	ttgggggaacc	240
ttgccccaaa	agcaatat	ctccccaaaag	ttcgggggtgg	ccaaggactt	tcctttgcag	300
aaaattaatt	tgttatttta	taaaagggcc	cccgggtggac	cttggtt		346

<210> 506  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(382)  
 <223> n = A,T,C or G

<400> 506  
 cgttgctgtc gggagatgct ggtcattctg gagaagctgc ggaaagtaac aggcaacgag 60  
 atgctggggc tcgaggagg ggaccttgaa gacgacttcg accctgcca gcacgaccag 120  
 ctcatgcaca agagctttgg ggacgagttc tacggggccg cggaggagga gaagccacaa 180  
 tttgaggaag aagaagggtc tgaagacgac tggaaactggg acacgtggga cgggcctgag 240  
 caggagggat actggagcca gcaggagctg cactgtgagg accccaactt ctacatggac 300  
 gccgactacg accccagcca gccgagggaag aaaaagcgcg aggccccctt gacgggcaag 360  
 aagaaacgca agtccccctt cn 382

<210> 507  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 507  
 gtccgttgct gtcgggctcc tgttgcaata tgaggctgat ctggaagctc tggggggggg 60  
 gagattgtcc ctgctgtctt ttccagctat tgggtacagc attttgggca ggagaatcta 120  
 ggaccatgcc acatcaggtc tctccttaac ccattccatt cgactgttat cacagctatg 180  
 cttccagagt gctctgcgca ttttcacgat cagcaaaaca tgagcaaatc tctgttctgg 240  
 aagctgggaa gtccaggatc aaggcactgt catctggaac ctgaggagag acttcttctt 300  
 gcatccttac atgggggggag acaaaaagagt ggcagagaat gaatatactc ccagcccatt 360  
 cgagagggaa gagccctcac ctcatcactt tctgt 395

<210> 508  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 508  
 cgttgctgtc ggcggcccac attgtccatt attcaactgc acgtgtgtgc tgcgtgcttc 60  
 acatcctcta ttgagagtta cagcaagtgt taaacgaggt gagttcacat aacaggaatt 120  
 ctggaactgc ttgaaaacta ggacgattgg gcaatatcgg gcttaactcc acctgatggc 180  
 aggtgaccgg gatagaaaat ggccctgcgt ttagccagga tgtggctctc cagcttgggt 240  
 tcagtgtgat cacttggcag tgcgctttct ctttcgatag tgaaatcctt ctctatacct 300  
 atgttttgc ttggttctta aggtgggaaa cagaatgggc cacggagggt gactgactga 360  
 agaccaaggg ttggtgcagc ctctc 386

<210> 509  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 509  
 aaggctgttg tcatgtggca gagagaaaag cccttatgcg cgttaggggc cagaagttgg 60  
 cgctgggtgt tgtgcacggc tgtgagtaag cgcgtaataa ataaatcaga acgagatgga 120  
 cggagaccat gcgctgtgct ttcacacctg tcatccccca gctgaggagg tttctgacct 180  
 ccatacccgt cctgcagcct tcgagcaaat gtgtggaaag gaaaataacc catatcgaaa 240  
 tcagaacaac ggtgttttaa aaatacgaat tgagtctggc caggcgtggg ggctcacggc 300  
 tgtaatccca gcaactttggg aggccgaggg aggtgggtca cctgaggtca ggagat 356

<210> 510  
 <211> 352



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(352)  
<223> n = A,T,C or G

<400> 510  
ctaataagaca tccaaatgca gcctacttgc aagcaggagt taagtcagtt tcaactctcgt 60  
atcttgtatt tgtgccccca gcccttggag cgtaatgaga aggagccggc ggcagggaga 120  
caggaaccac aggactccac tccagctgtg gattctaacc cagacctctt cccccacatc 180  
cactaattct tcacagaacc tttaaactgg gtgtggggctc tctgcaagtt tcgctgtggt 240  
ttctaagtcc ttagtggttg atccacttga caactaattt ttttaagttg gtagctccct 300  
gcggtatttg acagtttttg gtttggtttt gtttttgaga caggggtctca cn 352

<210> 511  
<211> 298  
<212> DNA  
<213> Homo sapiens

<400> 511  
gaggcgggag gataagtctt aaagctgcgt ttgcaaaaca agcatgtggt tactgggagg 60  
cataatagct tgggcagctt ttgggaagag ctgctacaat ttgggagggga tgtcagtttc 120  
acacctccca tcaaaggaag gtgaggaaat ccaactagact tacatcctcc aggccaaaag 180  
ctagaaagtg tccttttacc tgcattgctt caactgcgtg tccctgacgc cctgggtttca 240  
tggtgctcct gtacctactt taaggagact caccctcgct gctcacgaac gaaagagg 298

<210> 512  
<211> 348  
<212> DNA  
<213> Homo sapiens

<400> 512  
tttggtattg ccggtattat tgatggtaaa ctgactaaaa tcatacatgg aataatagaa 60  
atcaggccta acatcagata gacttttcca ttcagttaag ttattgtgta gcaaaattta 120  
ttttgtcagt tcaactacaca atgtgacagt atatagtttc tctaatagag taacattaaa 180  
gaggacatat aatataacca aaaatttgag ttccagataa gtttggtgtc tcaactagcaa 240  
gatgacgtta aataactcat ttaatttttt tgaaaactta attttctgtt ctgtaaaata 300  
aaaagcaatc tgtctcttgt ccaaaagact atgtaggttt tttaaaaa 348

<210> 513  
<211> 368  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(368)  
<223> n = A,T,C or G

<400> 513  
acattcatca atgctctgga ccatagcatg gtgaggaaag ggtagagcag ctcaagtgcc 60  
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ggcagccact gccctctgcc tcccatagct ccagacacaa atcaacaggg ctggcggggcc 180  
tcccagtgtg tagcctaggg caggataggg gactcactgg cagccaggct ttctaagcca 240  
gagggccctt ggagatcttt cactgtttgt tccattttac agtcagtga actgaggccc 300

agagaggggaa agtaactttc ccaaagaaac acagcaactg agtggcacgg ctgggattgt 360  
aactcccn 368

<210> 514  
<211> 349  
<212> DNA  
<213> Homo sapiens

<400> 514  
cacatacgcg tttctatattt tcttcctctc ctctgatct ccttaaaaat gaatctagag 60  
ttgggtggctt tttccccctc ctctttggcc agttccacag ttcagttctt cctgaaaaca 120  
gggatgatga acttgtagga tcaggacaaa tgtgtgtttt tcaaaaactt aaggctgggt 180  
gtgaaacacc ttctgtggac aaggatttgt aaacttctct cctccctcca gctgcggccc 240  
cagcctaact gatagttact tgattcagtg tgctagacac ttaaatagca tctatgtctc 300  
tttcaaggga atttgtcaaa taatgcgtgt tagctaattg ttgcaagca 349

<210> 515  
<211> 349  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(349)  
<223> n = A,T,C or G

<400> 515  
tccattgcag ggtatcgcca ggtgccttga acttcccag gcaagaagac cctggagaca 60  
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gtctgggaag cctaagccca ggtggctgca attctgatgt cacctagata agccactgtc 180  
aactctgcca tccccctccc caggctcaga ggctgaggac agagaagctg gggttgtgcc 240  
ccagntcttt ctagtaagac tcaaaggaca aagggtgggc ccaggaaca tgggtgaccc 300  
tggcctcatc ctacgtgccc attgcttgca gggcaagggc tccagcttg 349

<210> 516  
<211> 383  
<212> DNA  
<213> Homo sapiens

<400> 516  
cgttgctgtc gattgagttt aaqcatgttc caagagaaaa tacaattaat gaatagtcac 60  
aaggttgcta atctgatcaa tgccgggtga taggacattt aatctgattg tctgtgactg 120  
caattgcaca gagctttggc agccaagagg accgccctgg ctggcaagag cgtttgtagt 180  
ctggtcactc cttgggggtg aggtggggct ggggagctgt gatgtaaaca gatgtgggga 240  
ggagagaagg cgcccagagc atgagaggaa ctggctgaaa ggatcgaaca cagggaggtg 300  
agccacaga aagtaggtac ctttcatgcc aggaatggga gagacagccc catttttttt 360  
tctgagacag agtctcgaag tgg 383

<210> 517  
<211> 361  
<212> DNA  
<213> Homo sapiens

<400> 517  
cctaattccc tcacaagcat tcagtccttc caccctgagg tggtgaaatc cctgcaggca 60  
tttataagta tacctggaca gaagaaatac aagataccgt tctattaact caatatagtg 120  
ttgctaagtt cgtacttttg ctttgggttat tttattttat aaataggtat cactcgcatg 180

gttccaaatg	cggtaggcac	agagagtata	tatgatggaa	ttacatgctc	cttccctgca	240
ctcagcaacc	gagatattcc	cgctacgggc	actcaaagg	ttcattgtct	gaaatatcag	300
gctaaacgta	gttcatgggt	aggaagcaac	aaccgtaaat	aatccccatc	caaacggagg	360
g						361

<210> 518  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 518						
gggtgaagca	agtaaggagc	ataccttagt	cacagcccg	cccttgggtga	atgggtgtac	60
tataaaactaa	atctgcctgc	caatcatggg	acaaggcaga	acacttgtct	atctctgtct	120
aagctcccc	gaaaatttat	gaagagatgt	ccgctcgcac	atgagtttga	gactaaaact	180
tatgtttcct	aagtaaaacc	cacatcagga	aaaccctagt	ccagtaaaat	ccaataacaa	240
gaacttctct	tatgttggtg	aaatccgtgg	ttgcttgaga	gaaacaagag	agaaataaat	300
tatctctaga	gaatttacca	aagaaaatga	accttaatcc	ttgtctcata	agatttctat	360
agaaa						365

<210> 519  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 519						
ggcagcagcg	gcagcagcgc	atttggcttt	tccacctgct	ggtgccctgg	aggctctgag	60
ccccggcggc	gcccgggccc	acgcggaacg	acggggcgag	atgcgagcca	ccccctctggc	120
tgctcctgcg	ggttccctgt	ccaggaagaa	gcggatggag	ttggatgaca	acttagatac	180
cgagcgttcc	gtccagaaac	gagctcgaag	tgggccccag	cccagactgc	ccccctgcct	240
gttgccccctg	agcccaccta	ctgctccaga	tctgtgcaact	gctgtggcca	ctgcctccccg	300
tcttgggccc	tatgtcctcc	tggagcccga	ggagggcggg	cggtcctacc	aggccctgca	360
ctgccctaca	ggcacttgag	atacctgcaa	ggtgtg			396

<210> 520  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(354)  
 <223> n = A,T,C or G

<400> 520						
cagcaggaga	tctgtccctg	cttcaatcca	cgagaagcct	cacaagtgtc	tggagggaga	60
aacgtccttg	aggacagtag	gaaactactg	tcctcagccc	tggaaactgt	gctaggtaac	120
tcagacaaat	caagtggccg	ttcagcagca	tcacactgca	ggaagtatgt	tcacagggtc	180
ccttgggcac	aaacccccag	ccaaccctcc	cacactgctg	ggaaatcccc	cttaggactt	240
tccctattta	ggacagggca	gtgctctgat	gatttactag	agccaaggcc	aacctgggtt	300
atagcaccac	ctattgccga	aaagaaggca	gcaacctagg	agaaaaattt	anan	354

<210> 521  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (265)  
 <223> n = A,T,C or G

<400> 521  
 cgatatctgg aagggcaggg acatgagctg ggtggggggc aagtaggacc tccatcagtg 60  
 gggatatgac tcagctgtga gaagggacag atggagtga ggtccagcca ggggctgcag 120  
 tggggctggg gtccttagag ctcatgatga gcttcagcac gaggtgggccc ttgtgtgtgc 180  
 acgtangtcc ttcccgaag gcatctccag agtaaaggtc atggtcagga atagttcatg 240  
 attggagact gaaactgcac atagg 265

<210> 522  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 522  
 cggttgcctg gcaccctgat ggagacagag ggggacagcc cccacccatc tgtccccggc 60  
 agggctcttg ctctcacagc cccctggaac aagcccatg ccccaacctt gggcctggct 120  
 actggcccag aaggcaccag gcctcatgag aatgctgggg gaccccaaag tgggggggtcc 180  
 cataacctga cctcctgggg ctacacctca tgcttggaac agacgctgtg ggctgtccgg 240  
 gccttgaaca gccctgcagc tgcacccccg atcctgatac ctacccccat tcaactgccag 300  
 catgctaagg ctactggcgg gcatcctctc tgctcaaaat tatagacctg tctccctgac 360  
 acacctgctg tgccctct 378

<210> 523  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 523  
 tgaggtgccc tgccaggacc ctgccagctc ttgttggaac gggaccgct ctctcctgcc 60  
 cattgacccc agggccagat gtgggacaga ggaatgtgca tgggtggggc ctgggcttct 120  
 ccgtgtgtgt cctgtctcct tccagcttct tagacgtggt ggcccagagt gcttttcagt 180  
 gcacccgagc catgatgagc gagtggctgt gatgaccac gcagccagtc ctttgtgcaa 240  
 ggaggggaag ggagggccct acccgattc aagctcagct gtcggcactg tggtttcttg 300  
 caccctctta aacctgagac tccccctctg attgcagttg aacg 344

<210> 524  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 524  
 ttcattcgct cgccaccaca gaaatccaga aacgaatata tagcaccaga atttttcacc 60  
 agcaacaacc cagaactcaa atatgggatg aaacaattcc tggagccaca aaaaagtgga 120  
 gaaactccaa gcagatagga aaagaatcca gactcccaca tccacaatgc cctccccca 180  
 aattcttccc agcgccaagc acacaggaaa tcttccctca attcacagtt tatgtacttg 240  
 aaaaagagag attgagatgg tcaaccggct tccccacctt cttgggttcc cagcaggaga 300  
 cttgtccttg ctttaaccca caggaatcat catgactgag tgaaggaa 348

<210> 525  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 525

cgttgctgtc	gggaagaaga	gccaaaccaat	cacaccagag	cttccaccga	cagcagaggg	60
gacgtaacac	accttctttc	ccctccggct	ttccttcccc	ttctctcccg	ccttctcctt	120
attcatacca	gaagcgctc	agctctgatt	ggctggagct	ctgtgctatc	tcagccaatc	180
acaagccggg	ctgtgctcct	acaccatccg	aagagcgaat	cgtgcagaga	ccgtgtctac	240
gattggcctc	tccctgacaa	ggatttaatt	ttgaattttt	ctttatggcg	tgggagagggc	300
cacagcccgg	actccatcga	ctcccccggc	tcttagacta	aaatcatgcc	caagttcaaa	360
caacgaagac	gaaagcta					378

<210> 526  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 526						
acaccagaa	aagcccgctc	caagctcggg	aagttgcaga	ggagaaaacc	tggagtctag	60
cgctctggct	ctgcctgggtg	atgggccagc	ggcccgctgcc	cagagaaaacc	cactggagga	120
ggatggaggg	cggccctgcc	cccgggacag	accagccttg	accggagcga	aggagggagt	180
gcgccacgca	aagcaccaca	ggcggcgcg	gggccttccc	tggaaaggcca	ggctcctttc	240
caactgggct	gcctctcggc	ttcaacgtcc	taaagcgggg	acggctgaac	cccggncatg	300
gctgacttga	ctccacctcg	gaataacttga	tagggttcgc	ctatcgctc		349

<210> 527  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 527						
cgttgctgtc	gccagagttg	cgaggagttt	tttaactgat	ttagccaggt	ggcaatcatg	60
agtgaatgga	tgaagaaagg	ccccttagaa	tggcaagatt	acatttacaa	agaggtccga	120
gtgacagcca	gtgagaagaa	tgagtataaa	ggatgggttt	taactacaga	cccagtctct	180
gccaatattg	tccctgtgaa	cttccttgaa	gatggcagca	tgtctgtgac	cgggaattatg	240
ggacatgctg	tgcagactgt	tgaaactatg	aatgaagggg	accatagagt	gagggagaag	300
ctgatgcatt	tgttcacgtc	tggagactgc	gaagcataca	gcccatagga	tctggaagag	360
agaaagaaca	gcctaaagaa	atggcttgag	aaan			394

<210> 528  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 528						
ctcccccttca	catctggcca	gctgccatgg	ggcctagctc	aaagaagggg	ccccctccca	60
ggggccagctt	caggatctga	tccctgcccc	cagctctacc	ccacaccata	ctatgctggc	120
ctcgctgagt	cacatgtgca	ggtgccccct	ccctcaaaca	cctgtgacct	cccagcctca	180
taccaagtct	ttggctcttc	tgagaccctt	agcacctgtt	gacgcaactg	tgctaattgag	240
ctgggaaagc	ttccccaacc	ccgtcccaca	taaggggggt	gg		282

<210> 529  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 529  
 cggttgctgtc ggtgcggcgt ctgattttctt tgtgctaacc tggcagctgt gggggccctta 60  
 ggagccccc accgaggggtg gacacagtc ctttccttcc tgcagatgcc taggcaggag 120  
 gagggcttcc tgcctgtttg gcaaagtccc aggcagaggc caaggatgag gcctgactcg 180  
 gctcctccct ccacatcagc cagggcatca gaagttgggc cagggcgggg ccttccctgc 240  
 tcgatttttg acgaggccta agtaaaccct ctatgccttg cccagacct ggctctttcc 300  
 taacccctc aacggtggga ggaactggca aaaggtgcgc ctgggcacaa acttcccgga 360  
 tctaaaggcc cttttcagat tttagccaaa gggggcg 396

<210> 530  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 530  
 tactacgggtt gcgacatgac gacagacggt gacgggtgcg ggcagaccac agctggattg 60  
 cgctgcgaaa agagctctat ttgggacggc tgcgatgcta ctgctgtatg tgtcgctgt 120  
 atgagctcga ctaaaccgggt ctggctgcga caatacgac tgattgtatg ttttgcgttc 180  
 agacgaagga gggggacggc tttgttgaga attcccatat ctttgggttc agcttggcat 240  
 taaagagtgt agtgataaat tattgatgtt ttttatggga acggggaggg cccgcacaaa 300  
 cgtcagtac ttgctatcct gatctactct agttcttttg tttttcagggt gaggaaacta 360  
 aaatctactg aacttagtct ataataagc 389

<210> 531  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 531  
 ggcacgagat gccgagcaac tgtggccttg aagagaaaat tgccaacctg ggcagctgca 60  
 atgactctaa actggagttc aggagtttct gggagctgat tggagaagcg gccaaagagt 120  
 tgaagctgga gaggcctgtc cgggggcact gagaactccc tctggaattc ttgggggggtg 180  
 ttggggagag actgtgggcc tggagataaa acttgtctcc tctaccacca ccctgtacct 240  
 tagcctgcac ctgtcctcat ctctgcaaag ttcagcttcc ttccccagggt ctctgtgcac 300  
 tctgtcttgg atgctctggg gagctcatgg gtggaggagt ctccaccaca gggaggctca 360  
 ggggactggt tgggccaggg atgan 385

<210> 532  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 532  
 ggcacgaggg tgtgtctgtg tttgagatga ggctgtcgtc tttcaaaggg tgtgtccatg 60  
 gctgttatcc atgtagctat gtctctgtgt gaaggtgttg ctattgtctg tgatgacatt 120  
 gcctcggaga gtgcatctga gggatctctg agactgtctg tgtccaagag tgcagctgtt 180  
 ggcggtgagc ctgtgtgact gtggctgttg ccttagagtg tgggtgtgtg ggtattgcac 240

agaggggtgta	tctgtgtgca	gtggtgcatc	cgtaggggtg	tgtgggaaca	tgacgttgtc	300
tttgagagtg	gtttcatgag	ggttatttgt	aaggggtgta	ctgttgccctg	agagagtgtc	360
cgggtgggtct	ttgcgaaact	cggtgccctgt	tg			392

<210> 533

<211> 381

<212> DNA

<213> Homo sapiens

<400> 533

ggcacgaggc	ccccttcagg	ctaagtttca	tgcagggaca	gacccagaaa	gaacacagtc	60
tgccctcaga	gagctctttg	cagtgtagtg	acactggggg	ttctgcagtc	agggaggagg	120
gagggtgccc	aggctgacag	ctttttgcaa	gaggaggggg	accagcacca	gctgggaggc	180
ataggctagg	acaggcccac	gtggaggctg	ggcaggaagg	gcctgctgag	gtcacacagc	240
tgttggtggt	tgggccaggg	cggcttcctc	ctttcagaat	gctaggggtg	ctctcaccac	300
tggccgctc	tccttgccag	gcctgccaac	tcaggggaca	gatggagcac	gagtggagaa	360
agggaaaggc	aggtctggtg	t				381

<210> 534

<211> 387

<212> DNA

<213> Homo sapiens

<400> 534

cgttgctgtc	ggacatcgca	aacgtcgag	gacttccagc	aagtcggagg	caggggctag	60
gggtggaggc	cagggttcca	aggaaaagg	ccgagggagt	tggggaggcc	gccaccacca	120
ccaccaccca	ctgcctgcag	caggcttcaa	aaagcaacag	cgcaagttcc	agtatgggaa	180
ttattgcaaa	tactatgggt	accgcaatcc	ttcctgtgag	gatgggcgcc	ttcgggtggt	240
gaagcctgag	tggtttcggg	gccgggacgt	cctagatctg	ggctgcaatg	tgggccatct	300
gaccctgagc	attgcctgca	agtggggccc	gtcccgcag	gtgggcctgg	atatcgatcc	360
ccggctcatc	cattctgccc	gccaaaa				387

<210> 535

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 535

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actacgtgga	agccatcgag	ggtgtcagaa	cgcacctgct	gcggcactcc	gagcccagta	120
agctcacctt	tgtgggggag	cttgcccacg	gccgcttcag	tgccaagatg	gaccacctgg	180
tgtgcttcct	gccagggacg	ctggctctgg	gcgtctacca	cggcctgccc	gccagccaca	240
tggagctggc	ccaggagctc	atggagactt	gttaccagat	gaaccggcag	atggagacgg	300
ggctgagtcc	cgagatcgtg	cacttcaacc	tttaccacca	gccggggccgt	cgggacgtgg	360
aggtcaagcc	agcagacagg	cacaan				386

<210> 536

<211> 364

<212> DNA

<213> Homo sapiens

<400> 536

aataaaagtt	tctttaaggc	agataaaagtt	acaatgctgt	ggaataaaaa	agctactgct	60
gtgttggttaa	tagctagcac	agatgttgac	aagacaggag	cttcctacta	tggagaacaa	120
actctacact	acattgcaac	aaatggagaa	agtgtctgt	tgcaattacc	aaaaaatggc	180
cccatttatg	atgtagtttg	gaattctagt	tctactgagt	tttgtgctgt	atatggtttt	240
atgcctgcca	aagcgacaat	tttcaacttg	aaatgtgatc	ctgtatttga	ctttggaacc	300
tggcctcgta	atgcagccta	ctatagccct	catggacata	tattagcatt	agctggattt	360
ggaa						364

<210> 537

<211> 389

<212> DNA

<213> Homo sapiens

<400> 537

ggcacgagca	gcaacaagtt	catgctgggt	ctggccagca	accaaccaga	gcagttcgac	60
tgggccatca	atgaccgcat	caatgagatg	gtccacttcg	acctgccagg	gcaggaggaa	120
cgggagcgcc	tggtgagaat	gtattttgac	aagtatgttc	ttaagccggc	cacagaagga	180
aagcagcgcc	tgaagctggc	ccagtttgac	tacagggagg	aagtgtcgg	aggtcgctcg	240
gctgacggag	ggcatgtcgg	gccgggagat	cgctcagctg	gccgtgtcct	ggcaggccac	300
ggcgtatgcc	tccgaggacg	gggtcctgac	cgaagccatg	atggacaccc	gcgtgcaaga	360
tgctgtcccg	cagccccagc	agaagatgg				389

<210> 538

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 538

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cccatgtgtg	tcccaagcaa	aaattttgtt	gacatcggaa	tagtaacaag	tattgaaata	120
aaccataaac	aagtggatgt	tgcaaaaaaa	ggacaagaag	tttgtgtaaa	aatagaacct	180
atccctggtg	agtcacccaa	aatgttttga	agacattttg	aagctacaga	tattcttgtt	240
agtaagatca	gccggcagtc	cattgatgca	ctcaaagact	ggttcagaga	tgaaatgcag	300
aagagtgtact	ggcagcttat	tgtggagctg	aagaaagtat	ttgaaatcat	ctaatttttt	360
cacatggagc	aggaactgga	gtaaatgcaa	tan			393

<210> 539

<211> 395

<212> DNA

<213> Homo sapiens

<400> 539

tgggacctca	gggccacact	gaacgccttc	ctgtaccgca	cgggccagca	cagcaacaag	60
ttcatgtctg	tcttgccag	caaccaacca	gagcagttcg	actgggccat	caatgaccgc	120
atcaatgaga	tgggtccactt	cgacctgcca	gggcaggagg	aacgggagcg	cctggtgaga	180
atgtattttg	acaagtatgt	tcttaagccg	gccacagaag	gaaagcagcg	cctgaagctg	240
gcccagtttg	actacgggag	gaagtgtctg	gaggtcgctc	ggctgacgga	gggcatgtcg	300
ggccgggaga	tcgctcagct	ggccgtgtcc	tggcaggcca	cggcgatatgc	ctccgaggac	360
ggggtcctga	ccgaggccat	gatggacacc	cgcgg			395

<210> 540

<211> 396



<212> DNA

<213> Homo sapiens

<400> 540

ggcacgaggg	acctcagggc	cacactgaac	gccttcctgt	accgcacggg	ccagcacagc	60
aacaagttca	tgctgggtcct	ggccagcaac	caaccagagc	agttcgactg	ggccatcaat	120
gaccgcatca	atgagatggg	ccacttcgac	ctgccagggc	aggaggaacg	ggagcgctg	180
gtgagaatgt	atTTtgacaa	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgctg	240
aagctggccc	agtttgacta	cgggaggaag	tgctcggagg	tcgctcggct	gacggagggc	300
atgtcgggcc	gggagatcgc	tcagctggcc	gtgtcctggc	aggccacggc	gtatgcctcc	360
gaggacgggg	tcctgaccga	ggccatgatg	gacacc			396

<210> 541

<211> 319

<212> DNA

<213> Homo sapiens

<400> 541

tattattctc	attggctgcy	gtagatgagg	tatttttagg	ccttacctaa	ttcatctgta	60
aaaaataagt	taatgttttt	tgaatgcctg	ctactggggc	caagggtag	acgtagctca	120
tctcagtgtc	ctctaccacc	ttacagggag	agaataccgt	ttgcaaatag	gggccccaaa	180
agatcactgt	gctggcccaa	agtcacacag	ctgataagtg	gcagggcaga	ggcctcattg	240
tgctcccag	tacaaagata	gcagtctctt	cctgcattac	agaattgtga	gaatgagaag	300
ataatgaacc	agaaagcac					319

<210> 542

<211> 301

<212> DNA

<213> Homo sapiens

<400> 542

atgcctggct	aattttttat	ttttagtaga	gatggggttt	caccatgttg	gccaggctgg	60
tctcgaactc	ctgacctcaa	gtgatctgcc	cacccagcc	tcccaaactg	ctgagatcac	120
agggtgtgag	catcgtgcct	ggcctgttta	atgaatttct	gactggaggc	ttaatttttt	180
tgTTTTtttc	acaggggtctc	tttgagagga	tgacagtggg	aagcgcttac	tgtggctggt	240
gcggctgcag	gcctggctcc	ttccactctc	gggctgccct	tcacggtgcc	aggtttgtgg	300
g						301

<210> 543

<211> 340

<212> DNA

<213> Homo sapiens

<400> 543

tatttttgcy	tggaatataa	taatatctga	aacctccaca	ggtcctttat	acataacatt	60
ctacctacaa	ataagagtca	ctacacatgt	gaagcagcaa	tgatcatatga	ccaataatca	120
agaggggaaa	aaaaaagcaa	aacaagcaaa	tagatgatct	gcataattga	agttaacaga	180
caagaacttt	aaaacaacca	taattgggac	ttctggatag	ctaagggcat	aacagctgca	240
ccatttagct	atatgcctcc	ctgtatttcc	tccctaaaga	attaaaaacca	acaaaaaatg	300
gtatgtaaat	ctagacgaaa	ccatgccttc	ggcataactt			340

<210> 544

<211> 328

<212> DNA

<213> Homo sapiens

<400> 544



ctccgtctct actaaaaata caaaaaatta gg

332

<210> 549

<211> 328

<212> DNA

<213> Homo sapiens

<400> 549

ctgtgttgca	ggcataaacc	caagtggctt	ttaaagatca	gctgtgatta	atagtagtca	60
gttggaagtc	agagtcacat	gtttaaaatt	tagctcaaca	aatggaggct	tgcttggtag	120
ttcctgtgtt	taacattatt	tttgggaagaa	aaagaaaaaa	aaggaaggta	gaggaagggga	180
gaatgttttg	attgttttct	aatttattga	tctctccctt	gcatcatcac	caagactggt	240
aactggttcc	cagaatgttg	tgggttgagc	ttctgtgctg	taatgtgggt	tgattttttt	300
agaggggaga	taagggtatc	tctgtctct				328

<210> 550

<211> 319

<212> DNA

<213> Homo sapiens

<400> 550

gagaactaag	tattttctct	gcattagcca	taacacatat	tattttaatt	aagggttctg	60
tttttttaat	cacctcatgg	aaacactgag	tctaggctga	gatggggggc	tttagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtagggtat	gttttacatt	tcttaacatg	180
cactcattta	agtgtatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	cattttatct	cttcagtaag	atatttgtga	ctgtttacag	300
ttaatccctg	ttcttacct					319

<210> 551

<211> 332

<212> DNA

<213> Homo sapiens

<400> 551

tctgctatcc	tacttgagct	tctgtatcca	cttgtggtac	cacatgcttc	acagtgtttt	60
gtcatggttt	atttacatga	caatcaccag	tagaagtttg	gaagattttt	gaagatagga	120
cactatcatc	atcattttga	atctctacta	tctagtacta	acccacaaat	aacaagcact	180
tgagaaatgt	ttgagtgcct	gagtggatca	gctttccact	tggtaaaact	ttaggtaaat	240
ttcatcctgt	taaactggtc	ctgtgtatta	gccgctcact	taccaccatt	tgtctctctt	300
tcacatcaat	tggtgaatag	aaaaatggct	ct			332

<210> 552

<211> 177

<212> DNA

<213> Homo sapiens

<400> 552

cacttgatgc	atatactaaa	ttttctttga	tcaattttta	gtgcctcaat	ttttagtccc	60
tttaattaga	aggtagccag	tatccagtac	caaaaattga	gaacactggt	tctgatcta	120
aagagttcct	ttttactggt	catgcttgct	ccaagatat	ttttctcata	ctgatgg	177

<210> 553

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 553  
 atgacctgac aatttcatat acaaatacat tgtgaaatgg ttaccacaat caaattcatg 60  
 aatatatcca tcaccacaca tggttaccat cctttgagtt ttaaggtgaa ttaatggaat 120  
 gcgtgtcatt catatgcata ttcataatgca tgtcatttgc ataccattcc ttgactcaag 180  
 aaagttgcta tatgagtgaa agataattat tgatcatatg aacttaagat acaattattc 240  
 tcatctggcc aggtgcagtg gctcacgcct gtaatcccag cactttggga ggcagaggca 300  
 ggtagatcac ttgaggtcag aagtttgn 328

<210> 554  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(335)  
 <223> n = A,T,C or G

<400> 554  
 cccactgaaa gttattacaa aaaattgtgc agagtaaadc aactaatccc agtgaatcaa 60  
 ctaatccaag gctgtgatca ttttaataac tctccacaaa ggctcagaaa atttctccac 120  
 ccatgaattt cttctacaca gctgtgatta taatgtgata caaaagcaac atccttcagc 180  
 tagtgcagtt gccaggagag agtggcagag ccgcagagtg tggggtagac cctacatttg 240  
 aatccatcag caagccgtgc tttctgcttc tcaacacagg cacagcaaga gtctttaaag 300  
 gagaaagaca actgcgngnc ctggttaaacc gaaat 335

<210> 555  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = A,T,C or G

<400> 555  
 cttagcacia cacagaaaag ctttaaacac tcttaccttt gactggaatt acacacacac 60  
 acacacacac atacacacac acacatacac acacacacac taaggctttc ccacaaagcc 120  
 atgatgcac cttaaaaata acacacagct ctgaaaagtg aatgtcgggg gtgaagagag 180  
 ccctcctaca ctctttttcc tagagatgac aaggttgtgg gggcatggct gactgtgagg 240  
 agcaaaaaat gagagggaga tatcatttta cttctttgta ctgcnataat aaaaagaaca 300  
 gatagaatgg aaggaagagg ccaggggca 329

<210> 556  
 <211> 229  
 <212> DNA  
 <213> Homo sapiens

<400> 556  
 atttttttaa tttaatatgt taaaaaatag ctgtagtadc atatttttaa ttgatggatg 60  
 gatttatcca catgaacgac atggcataat ctatgcctaa tactctctac ccagctgggc 120  
 attgttgact attcaatgtt tacgaaatag atcccatccc tacttgactc cagaagtgtc 180

atTTTtctaag tacatgttga aaagtataat ttcaatcagt caagaatcc

229

<210> 557

<211> 267

<212> DNA

<213> Homo sapiens

<400> 557

gcccacctac	agtcctggca	gaattggact	tcagcagaac	cggggtcctc	ccttttggtg	60
gcctgtgggg	aaacacttct	gatgggcccc	tttttgtaag	gttgcaagta	gtcacatgaa	120
tactatcagc	cacactggcc	agatcagggg	acaatcctat	gtcctgggac	ttgaaacgtt	180
cttggtccacg	tgtggcgctt	ggtgactacc	atggccaggg	accagcaggc	cctgtctgcc	240
ttcagcctag	agcagggctc	tgagccg				267

<210> 558

<211> 338

<212> DNA

<213> Homo sapiens

<400> 558

tccaagtttc	cccaaacatc	ttacagttta	agtgagggtta	accattgata	gactatatat	60
tgtaaaaaga	tactagtact	tctgaggaaa	tttacaattc	agcaacacaa	cttataaaat	120
accattaaaa	tgctgtcttc	tattcatact	gcgaaaacct	atagagctat	tttgaaaaaa	180
caaaaaccaa	gaaagctctt	tatgtccttg	acatagtaag	gtctctaaat	atatagcaaa	240
tagagaaagg	gagatcagta	cagtgtgtat	attatgacac	catttgtaaa	acattatctg	300
cgttcatcat	tttcttatat	atgtataaaa	taactcag			338

<210> 559

<211> 325

<212> DNA

<213> Homo sapiens

<400> 559

gagaactaag	tatTTTctct	gcattagcca	taacacatat	tatTTTtaatt	aaggTTTctg	60
TTTTTTtaat	cacctcatgg	aaacactgag	tctaggctga	gatggggggc	TTtagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtaggat	gTTTTacatt	tcttaacatg	180
cactcattta	agtgtatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaaac	agTTTTtagaa	cattTTtatct	cttcagtaag	atattTgtga	ctgTTTtacag	300
ttaatccctg	ttcttacctt	gaggc				325

<210> 560

<211> 336

<212> DNA

<213> Homo sapiens

<400> 560

tcattcttTgt	aatatctaca	tgcccagtac	ctaatatata	tttattTcaat	gtgatattTtc	60
ttatcaattc	atacctgaga	attcacttaa	ctttgccatc	acatgagttc	tagcaagcag	120
gaatatacag	tgattatgcc	tagaatttta	aacatcagat	ctgacctaaag	aaataacaat	180
cccaactgta	agaaagaagt	ggTTTggggga	agTcaaacac	taaagaaata	ctttcaaacc	240
agTctaaaac	taactaaatg	gttaattctta	tattaacaaa	aacatgcaac	ctagattaac	300
aaaagcatac	aaatctcaat	ttcattatgt	gcattt			336

<210> 561

<211> 323

<212> DNA

<213> Homo sapiens

<400> 561  
actaaaaata caaaaatttag ccggacgcag tggcacgcgc ctgtaatccc agctactcaa 60  
gaggctgagg caccgagaatc acttgaaccc gggagggaga ggttgacgtg agccaagatc 120  
gtaccaccgc actccagcct ggggtgacaga gtgagactct gtctccaaaa aaaaaacttt 180  
gcttgatat tattttttgcc ttacagtgga tcattctagt aggaaaggac aataagattt 240  
tttaacaaaa atgtgtcatg ccagcaagag atgttatatt cttttctcat ttcttcccca 300  
cccaaaaata agctaccata tag 323

<210> 562  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 562  
ggaaggggtga gattttctac tgcattagtt gaggcaatat tagctataac aaaacagatc 60  
aaatagtgtg taatgactca ttccaaataa acatttggtt ttcatttatg taactattgc 120  
aggttggttag gggactttct cctccttgca gatatttttg aatccacctt tgaagatggg 180  
aatacaacat gtgacttata agatttagta aataggggaat acagagggca aatggaaatt 240  
cagtaggcaa caaatgggtg ccaatgttat aatcattcat gtgaagtttg gtaaatatcc 300  
cactccattg ttttatagtc tgaacacttg attttacata 340

<210> 563  
<211> 321  
<212> DNA  
<213> Homo sapiens

<400> 563  
ataaaccatg gtcattttta ggcatgtatc attcatttac tcatagtttg gtttacttaa 60  
attatcagga atacaatggt gcaatgatgc ttaaaaaaca cttgttagtt ttccctgtac 120  
caggcaatgg ttataattaa aatgatatgc tggtgagaag ccactcttaa gagtccagtt 180  
tgtttaatgt tatgggcagc taccaaattt ggggtgtctct tgtatatttt ttgtaagaat 240  
ctcatttttt atgcttgaaa gatttggtga aaagaatgtg gttgaccata atttgcaaca 300  
ttgtcttatt aaaaataaac t 321

<210> 564  
<211> 327  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(327)  
<223> n = A,T,C or G

<400> 564  
aagcccaaat tttaatgcac ttctgacttt aaaacttggt atttcttata taccctttga 60  
cctccttaga actgacattt aactccctaa aaaaataacta gagcttggtg gtcaggcaaa 120  
ctacatttac tagacttact agtactctca ttgaagaaac agtgagtata ttagtccatt 180  
ctcacattgc tatccagaca caccgaagtc tggngaattt attatttatt tatttatctg 240  
aggcagagtc ttgctctgtc acccaagctg gagcgcagtg gcgcgatctt gtctcattgc 300  
aaggtcgaatt ctccaagttc aagggtg 327

<210> 565  
<211> 193  
<212> DNA  
<213> Homo sapiens

<400> 565  
 caaatacctt ctgtgcaaag atagactatg aataatgact ttgttttctt ctattttattc 60  
 atggtcagga aggacatatt ttcttctcctt actatcatct tgctgtcaaa cttcttgagg 120  
 ttaacttggg tatatagtct tttacttgga aaggagagta gttaaactctg accaatttaa 180  
 ttgatcagaa aat 193

<210> 566  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 566  
 ggcgctctaca ttcacggcgg tcaactccgtt tctgtctcct tttgtttggc acctgtcagt 60  
 ggatggaaga tgaaagtctc aaagctcatg gtaacagcag ggctctctac cccagggggtt 120  
 tctacctgtg tctggcagtg ccttaagagg atgatccaga ggcttcggag gagggcgacg 180  
 tgggaaggag caggtagccc aagctcccat ctcccaccca atcgctcggg cagcttggat 240  
 ccacgtaaca tcttgtcatt ctaaatatgt cagatttaac ttggaaaaca aaaaaaaaag 300  
 aattccactc ctaaaaaatt ttactaagaa atat 334

<210> 567  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 567  
 gactgtatct cattggggat acgaagctct acacacttga agatgggtgaa ggaatataaa 60  
 aatctatgtc tcacagtcca gacttggagt acaagtaata agaagaataa aacttaatcc 120  
 cttaagtaga ttcaccataa gttagctcag agcaattcca gtgcaagtat ggtctgtgat 180  
 ccagtagtat cttacagaca gcaagttgaa cattgtggga tgcagtgcgt attgagggcct 240  
 ttgcagcttt ctgctacatg gaggctaggg ccagagtcaa gatttatgct ttgcagcaca 300  
 ctggtcagct gtttttgcaa atcaag 326

<210> 568  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 568  
 aaataagaaa atgtaaagga ctttgacaaa tgtaccggct cagaacattc tgagaagaca 60  
 attttttaat gttaaaggta tgattgaata gttggatatg tgcacgttta gcaaaaatgg 120  
 gttaggcaca gtttaagagta ggtattttat tcaggaagaa tagaaggcaa ctagatgggg 180  
 gagtttggcc tgagttttga catttgatag aaatgattgt gttttctttt tttttttttt 240  
 tgagattgga gttgggtttt gtctcccatg ttggtagttt ttgggacttt ttcttggggtt 300  
 acacatcttc tagttctctg tagtgtgag 329

<210> 569  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 569  
 aaaacattaa atcttccctg gggaaaggta catcatccag agatgcaata tttaaaaaga 60  
 atgccccgca ttcatacaaa cattatgagg cgtatcagaa ataagaccaa ataaccaaaa 120  
 ccataagaaa aaaagacaag gaaaactcac agacgattgg ctaatgagac tatcacagat 180  
 aatttttttt aaatctatta ttaacatgtt caataaaaaag atgaaaagat ggagaatttt 240  
 attagagaaa tggaaatatct aaaaatgaat tacttgaaga gttgctaaat gaaatgtaga 300

ataactgtaa gtgaaagcac agttggtgta acagcgg

337

<210> 570

<211> 330

<212> DNA

<213> Homo sapiens

<400> 570

tgatagttaa	gatcaattaa	ccaattagtt	acccattttc	atTTTTcttg	tatattcttt	60
gtagatcact	tactaaaatg	atTTTTtaag	accttcactt	tcttaagtaa	agaaaaacaa	120
tttgactgag	acttgcccat	ttagctaaaa	tctaaaagac	ctatttaatt	taaagtataa	180
gtcaagcaga	gatcttatct	tctgtccata	aataataaga	atgattgttt	ttcgctaagt	240
ggaaaaagtg	agatgaggca	agaagttgaa	gaatgcctag	ccaggtagca	tatgaagcct	300
acaagttttc	agccgtgggt	ctgatgaaaa				330

<210> 571

<211> 185

<212> DNA

<213> Homo sapiens

<400> 571

acgacagaag	gggggctacc	ccggctactc	ctgctcagca	tggctgcttt	agtgactggt	60
ctcttcacag	gtgtccggag	gctgcactgc	agcgcagccg	cttgggcccgg	cgccagtggt	120
cgactacagc	agggactggc	tgccaacccc	tccggctacg	ggccccctac	cgagctccca	180
aactg						185

<210> 572

<211> 339

<212> DNA

<213> Homo sapiens

<400> 572

gaacatcaca	ctccgggggac	agattttttt	ctaacctagc	cgcacaactg	ctctaagggt	60
ttatacagac	cttctgcctc	atcagcttcc	atctcatctc	atttcatgct	ggatctaaaa	120
atgactctgc	tgcaggaaca	cacacactgc	ctgacagggc	tatcttaagg	gcctttataa	180
ggaagcagat	ggccaggcac	aggggctcat	acctgtaatc	ccagtacttt	gggaggccaa	240
gatgggtgga	tcacctgatg	tcaggagttc	aagaccagcc	tggccaacat	ggtgaaacct	300
catctgtact	aacaatacaa	aaattaaccg	ggtgaggtc			339

<210> 573

<211> 331

<212> DNA

<213> Homo sapiens

<400> 573

cctgatatca	ggtgatccac	ccgcctcggc	ctcccaaagt	gctgggatta	caggtgtgag	60
ccactgcgcc	tggccaatac	tccttttatt	ttaaaaagga	caagttagac	actagtttgc	120
atgcatagct	tattgattat	cctgcagtggt	ggtcatagct	ccccatttgt	gatgccggaa	180
gattgcctgt	ggaatcacaa	gacctcttcc	aatgttctgt	tatgctataa	aaagaccaga	240
actttttacat	tttaaattaa	agaatgtct	gtgcattttt	aaaaaataat	aaaacaaaac	300
cagtagttgt	ggcagtagta	gctggtagtg	g			331

<210> 574

<211> 339

<212> DNA

<213> Homo sapiens



<400> 574  
gcatagaagc taagaaatag taaaacttat gtaatcacat tatgcttggg aaactgtttt 60  
cttgcaaaca aagggtatttg tctcttattt attgtgttga tcatgaaaat agtatctcta 120  
ccctgaggtg ttacaaaaaa ttaatcaagt cagcatgtat actgcatatg tgtcttctgg 180  
aatatttacc atttaatcaa gaacctaaaa aatatataac ctagctccca aaaagtaaca 240  
tcagtgggta attgtcaggt taaagaaaag taaaataagg ctgggcatgg tggctcacgc 300  
ctgtaatccc agcactttgg gaggtcgagg tgggtggat 339

<210> 575

<211> 205

<212> DNA

<213> Homo sapiens

<400> 575  
gtgttcctgg cccctagcgt ggtaggtgcg ggggtgccag ccccgctggg aagccccagc 60  
cacaccccag ggtgtttgct gctctgaggc ctgggcctgc ctgggtgcta ggcttggggc 120  
taggggggtg agcgcggatg ttttctaacg tgccttgta cgccactct agtgtgtcgg 180  
actctccctg agatcccgt gctgg 205

<210> 576

<211> 281

<212> DNA

<213> Homo sapiens

<400> 576  
tgtttgcata tacccaaatt gacctcaaat aactttccaa atggagtctt caacagtaag 60  
ttgaagtcca atattgacaa agcattaacc ttctagtgtt attttagcat tggcctaattg 120  
ttagcacttt ctataagaca aatttcagtt actacatcat acctcattac tagctgttgc 180  
ttgaagtcaa catgttagtt tatctatttc aacctgtcc agtaaattat atgcaagttc 240  
agaaataaaa aaaaagtata tactattcaa tctctgagat c 281

<210> 577

<211> 189

<212> DNA

<213> Homo sapiens

<400> 577  
tcaattatga aattactcat ttaattgtat tgaaatatgt gttattttaa tctctatctg 60  
taacctacgg gtataacaat atgtctatac tgaggtaata atcattttaa ctggcataat 120  
atcaattatt ttagaaaata tgtaactgaa aactcttcct tttcataaga gttggggaaa 180  
catctgatt 189

<210> 578

<211> 331

<212> DNA

<213> Homo sapiens

<400> 578  
cataattcag tttacagcaa gaagataaat tatttttgcg tggaatataa taatatctga 60  
aacctccaca ggtcctttat acataacatt ctacctacaa ataagagtca ctacacatgt 120  
gaagcagcaa tgtcatatga ccaataatca agagagaaaa aaaagcaaaa caagcaaata 180  
gatgatctgc ataattgaag ttaacagaca agaacttta aacaaccata attgggactt 240  
ctggatagct aagggcataa cagctgcacc atttagctat atgcctccct gtatttcctc 300  
cctaaagaat taaaaccaac aaaaaatggt g 331

<210> 579

<211> 325

<212> DNA  
<213> Homo sapiens

<400> 579  
 ttgtaaaaga gttcttgaga tacagcactg aatgtaaagg aaaatattgg agcattcaac 60  
 tacatttgag aaataacttc tgtttattaa aagatactat aagaatgaaa gcacaagccc 120  
 taatgaatat tcttggttga tactaaacca aagcttgaga agtggtagtt tcgcaagttt 180  
 ttcaagtggg ttggtgcaat ctgaagactg caatcccatc aatgaacttt atatctttac 240  
 cctttaaagt tataatttat gggccggggc cagtggttta cgctgtaat cccagcactt 300  
 cgggaggctg aagcgggtgg atcaa 325

<210> 580  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 580  
 agtgtagtgg catgacctct gcctcccggg ttcaagtgat cctcgtgcct cagccacctg 60  
 aatagctggg attacaggcg tgtgccagct aatttttgta tttttagtag agacagggtt 120  
 ttgccatgat tgccaggctt gtcttgaact tctgacctca agtgatccac ctgcctcagc 180  
 ctcctaaagt gcactattta tgggtgagggg ttggttttga aatagtccat taagggtgatt 240  
 agcatttgc tttgataaag acgattttac gggtggctgc ttttggtttc atgggagata 300  
 agtccccac ttctgctatg gcttaaagtg gtg 333

<210> 581  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 581  
 tgaagattaa gaggcagggg ttcaaggctg aggaagcaac atgcacaaac aaagttacaa 60  
 tatgacacct tcaaggaaga ccaacaaggt agaaataggc ctgaaattcc aggtctatta 120  
 gacagaatgg gaggagatca aacagtaaag agattaggca gagtaggagg agatgaaaca 180  
 gtaaaagtcag aggccagctc aggaaagatt ttaaaggcca gtcaaactat gcacagggag 240  
 ccgtaaatga actggtaaat taagatcacg ggctctggac catacagcct gagttcagat 300  
 ctctgttgcc ccacttecta tttgtgaggc ctgggactac 340

<210> 582  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 582  
 gatgctaagg tcaatgggag caacttaggt taaagggtat ctggagtgcg atgagcagct 60  
 agcaatttta aatagggtgc tcaaggaagg cctaatttaa ttttcatgaa cagcacttac 120  
 agagtttaag agatgacaag aggtaatatc tgacttttat gagaaactct aaaaggataa 180  
 atgcataggt aaaggctcaa acctaatttt aataagtaag acttaaagaa ctaaatatgc 240  
 tgctatcaga tgcttttccc ctaaccatt tattttaaat tctatgcata tttatagaaa 300  
 tattaataat gtcac 315

<210> 583  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 583  
 cgtacaagac tcaggatggg cctacttcca gctaccattc agtataggag agggaagaga 60

agtgtgagaa	agcccaagga	tggatctgag	ggaggataac	agaaaactag	gttcctaact	120
caagatgaga	ttaagttctc	ctttctagta	tttattttga	agaagtcagg	gaatcaagaa	180
aatctctgaa	cacttatata	actgctgata	agactgtaca	ttagttcagc	ccctgtgaaa	240
agcagtttgg	aggtttctca	aagaaacaaa	aatataacta	atattcaacc	ccagaatccc	300
attactgggt	atatacccaa	aagaaaataa	aatggg			336

<210> 584  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 584						
agagccaadc	tgtaactgct	gatttagtta	ctctatttag	tcattttctag	gtggagacct	60
atatttttag	ccccagagac	tttcttcctt	ctaaggtggg	acaggaaaac	cacgtgaaag	120
gcgacatgct	atcagaggcc	cagagaatct	ggagatggca	gaaacttgga	cacatagaaa	180
aacagggcgt	ttggggccgg	gtgcggcggc	tcatgcctgt	aatcccagca	ctttggggagg	240
ctgaggcggg	cagatcacga	ggtcaggaga	tcaagacctt	actggctaac	acagtaaaac	300
cctgtctcta	ctaaaaacac	aaaaaattag	ccaggcgtgg	t		341

<210> 585  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 585						
gttataat	taagcaacat	aaacaagtaa	gaataaatat	tttagaagtg	cgatgttata	60
tttcttggtt	taagtggtag	attgatatat	gttttctatc	atactaataa	acaacttgta	120
aatatcaa	gcttcataat	ttagaaatgt	aaaacatgat	aatcaa	aaaagtaatc	180
taacacattt	aaaaactaaa	catatttagg	ccagggtgcag	tggcccaagc	ctgtaatccc	240
agccctttgg	gagaccaagg	cagggtggatc	acctgaggtc	aggagttcga	gaccagtctg	300
accaacatgg	agaaaccctg	tctctactaa	n			331

<210> 586  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 586						
gagtctttcc	aaacacatcc	agtgggtcct	cttttattta	ctcagctttt	tgtttggttt	60
tcttttacag	gaactataac	atttactatt	ggcaaactcc	aacaccatcc	tcagtaat	120
gggatgtctg	tcaataccat	cgttctgatt	tctgaaaatt	tctgctgaat	gtgacatttt	180
tcctctcaaa	ctaaccctc	cacagacaca	cccacacaca	caccacacac	acatgcatgc	240
gtgcacacac	agacacacac	gcacatacac	accacataca	cgcacacaag	gcacatacac	300
acacgcacac	acacatgcac	acacgtgcac	acatacg			337

<210> 587  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 587						
gcatgccctt	agggaggtgg	gtgtgatcag	ttttttaaca	atttttaaag	cttaaggatt	60

cattaggaaa	tttgaggctt	gttataattg	gacagtaaca	tcaaaaaatc	atctacaggg	120
agtagctttt	ttcttttttt	tttcggagat	gaagtctaac	tctgttgcca	ggctggagtg	180
cactggtgca	atctcggatc	actgcaacct	acgcctcccg	gggtcatgcc	attctcctgc	240
ctcagcctcc	tgagtagggg	ggactacagg	tgctaccac	cacgccagc	tatttttttt	300
tgggactttt	agtaaagaca	gg				322

<210> 588  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 588						60
tctcacttga	tcctctcagc	aacccttga	ggcagggtact	aatgtgatct	ccatgctgca	120
gatggggaaa	ctgaggccca	gggtttatag	aatcaaaagg	ctggcacatg	gaattggtga	180
ggatcctgca	ggctctcagc	aggatgcgag	gagtggcctc	ccaggacag	gaagagccaa	240
gagcagcagg	agtacagcag	tgtgagaaag	aaaatgccgt	cagaccatgt	gaggtggctc	300
acgcctgtaa	tcccagcact	ttgggaggcc	aagacagaag	gattacttga	ggtcaggagt	325
ttgagaccag	cctggccaac	atggg				

<210> 589  
 <211> 221  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(221)  
 <223> n = A,T,C or G

<400> 589						60
atgctagatg	actccatcag	ccaatatgtt	agcattatct	agaggcctta	tgtgaagtcc	120
tagtggctct	ttccagttct	atgactttta	acatacaggt	gaatcaaagc	ttcaggaagg	180
cctagaccaa	cagctattac	tgaagctccc	atttgtgctt	aggactatgc	atagagaaac	221
tctcctttgg	gacttggtta	gggtccaaag	ccctaaggctc	n		

<210> 590  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 590						60
tagcaggagg	tagaagaaaa	agttattgaa	gctgaaatag	tgatccttag	ccttagggac	120
agtgtgtgtc	agaggttaga	gcatccagca	tggctgggtg	ccagagcttt	gcatcagttc	180
gagatgtatg	tgatgtatct	ttagctcagg	gaagagagag	gacttgattt	ttgaggaagg	240
cttgaggagg	agggatagaa	gagctggata	gttttgctgc	tcccagcca	gaaatttata	289
gtttgatttc	attattgcct	tgaaatattg	ggatgtccca	gaacacacn		

<210> 591  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 591  
 cagtttggtc tttaaagttaa actaatgggg aaaaaaaca ggacagggag gtatctcaag 60  
 ttcatttgag ccatttttaa aatttttggt gctggtttct gtttttcttc tttttaaaat 120  
 agcaacaact taagattttg tgtgccacca gcttccattc catttcataa aagcttaatc 180  
 tagcaagaat tgggtgagccc tagtagaagt tagaaagaaa tgttgaagtg tgtatgtgtg 240  
 tgtgtgtgcg tgcgtgtgtg nccccatcat actcaccttg gacacttttt aaaaaaacgc 300  
 ccttggtctg gcgccggggc cccccctgt aatcccacca 340

<210> 592  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 592  
 ccatggccag gcttgtgagc tcacatcaga aatgaaattc agaagtcatt cagaatctta 60  
 ccaaattccag tttttactct tgatttaaaa atattttact ttttaaaatt aattattgtg 120  
 gctcgcccag acttggcagt tagaattgaa tatcaggaaa ggttttaaga caaacctgac 180  
 gaagaaagt gaagtagtca cagtatctag aaatacaaga gggcctcttt tctcaggctt 240  
 atattttgag ataaatttcc tctccttagt acatgcaggg aacatttcat ttcataagtt 300  
 tgctgattaa aaagg 315

<210> 593  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 593  
 aggacactgg cttgccaaac aggagtctgg gcacttagca gccagtgtc tgtgcaaacc 60  
 agccagtgtc ctgaattcag atgagagctt tgtgtttgcc ttattggaaa gcccttgatt 120  
 cctgggcttc tagaggatg tatcactcaa aatctctgca gttcttttag ggtaagtga 180  
 cgctttactt cttcatctat tagaaaatta ttctctcagc aggggtgcggg ggctcactcc 240  
 tgtaatccca gctcactcct gtactttggg aggccgaggc gggcagatca tgaggtcagg 300  
 agttcgagac cagcctgac 319

<210> 594  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 594  
 ctgttgccca gactagaggg cagtggcacc atctcggtc actgcaatct ctgcctccca 60  
 gggtcaaagt attctcctgc ctacgcctcc tgggtagctg ggattacann cgccngncca 120  
 gagcccaant aatanttgga ttgtttagta gagacggggg ttccaccatct tggccaggcg 180  
 ggtcacaagc tcttgaccgg gtggagaagg gcttttacga gtagaatgag ccttttgga 240  
 ggtggctgcc tgcaattctt tttttgattg gattcaaata cgctgcttga gcttaagcac 300  
 cttacgaact tttgaagatn ttaaagg 328

<210> 595  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 595  
 cttaatcatt cttacagtat ttgagttgag aacattttata aagattttcaa gcattacagt 60  
 ataaacaata tgagaagatt cttccaaatc ttttaacttg aatgcaatta ttagcatgcc 120  
 cctagggagg tgggtgtgat cagttttttt aacaattttt aaagcttaag gattcattag 180  
 gaaatttgag gcttggtata attggacagt aacatcaaaa aatcatctac agggagtagt 240  
 tttttctttt ttttttctga gatgaagtct cactctgttg ccaggctgga gtgcagtggg 300  
 gcaatctcgg ttcactgcaa cctccgcctc ccgggttat 339

<210> 596  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 596  
 gagcacctct gtgttcctag gtctgtgcag tgacttggga gtacagtgat gaatgggacc 60  
 atatggtccc accctcatgg gcagtctcta attcctgcct tatgaactga agatctatct 120  
 cttgtcctga ctttatattc ttcatggcta aaagatttgg ggctctgaa gagtgcattt 180  
 gaactcaggc atgg 194

<210> 597  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 597  
 gatgccttga gagtttctctg ttgcacaatc tgtttgtctg tagagaagtg gcattccagag 60  
 ggcggtaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaaaagagg 120  
 ccttaggtcc tcaggaaagg ggaagggag ggatatggcc cttccctcca ggctctcata 180  
 tttgttgccc cttgttctgg aacggaccca gaggtctgcc ttcagagggt tctaatttac 240  
 tctgtattct gtgtggtaaa agcaagaggc agcatgtcca gtggactgtg agactgagca 300  
 ctctaaagcc agtagggtca agtcactggg agcccactg 339

<210> 598  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 598  
 actgcaacct ctgcctcaca ggttcaagcg attctcctgc ctcagcctcc caagtagctg 60  
 ggattacagg cgcccgccac cgtgccggcg taatcttttag tagagacggg agtttcacca 120  
 cgttgcccag gctggctctg aactcctgac ctcagggtgat cctccctcct tggcctocca 180  
 agttttttaa agatcatgct atgtggataa tgagctgggg atggagggaa gaatggacct 240  
 aggggtgaaa ccactgggta gagtagagcc acttcaagtg catgggtttg ggctataaag 300  
 gtagtgctgt gagcaaaaat taaaaactct tgc 333

<210> 599  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 599  
 gtgctgcatg tttaaagtat tccctctggt ttacttcatg atagttggcc cctttcaggt 60



<212> DNA  
<213> Homo sapiens

<400> 603  
aggattttaa acatttcctg cagagagctc atagctgggt ttatcttata gattaaaata 60  
aaaaggagct accagaaggc ctgtgtgtcc aatacacttt gttaccatct atcaagtcta 120  
ttttcttaag ttgtcagagc tgtttgcatt cataataata gctttatcaa gaatcagctc 180  
cttttctagc atcaaaagtt aagaatttag gccaggcgca gtggctcacg cccgtaatcc 240  
tagcactttg ggagactgag gcgggcagat cacttgaggc caggagttca agaccagcct 300  
ggccaacatg gtgaaacat gtctactaaa aatacaaaaa tg 342

<210> 604  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 604  
ttgtattagg taatagaagt taggatttca gaacgtcatg ggagacctgg gggagactgc 60  
ttgttttgaa gttgaaagca gtacattcaa atatgtaagt gacagcatag aaaaatgtat 120  
atagggttaa cgtgcagagg tctgtattta ggttttcctg taagttaa tctgttgtt 180  
taaaacaaat attcggataa gaataacact ttaaaaccat tcaagggtg ggcattggtga 240  
ctcatgcctg taatcctagc actttgggag gccgaggcag aggaatcact tgagcccagg 300  
agtttgaaac cagcctg 317

<210> 605  
<211> 316  
<212> DNA  
<213> Homo sapiens

<400> 605  
ccttatatat gctgtactga agacatacta tcacattaac gttgcgttta tgtctatgag 60  
tgagaattgt atttctgtgc ctaagaactt tgggggagga atcattattc ctgctctgat 120  
attgacgctc tctctttcaa cagaaatgga ccttttaca tattgaatgg atctcagaga 180  
agataatgac ggaggctcta gatctctagg actgagagaa cacgcttagc acatggggta 240  
agatgggatt gcatctctca aacatgacac ctctgccta cactgactca accggccatc 300  
aggctttgga aaactg 316

<210> 606  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 606  
gaattgtcct agattatcta atccgctagg accagaagag gaatttctgg gttattgtgg 60  
taaagtttca tgtgatgaac catccttgaa ttctctcaga ataaacacca catggtcata 120  
acatgttaat tttattattt ttttgtgagt gtgagacgga gtttctactt tgttgcccag 180  
gctggagtgc aatggtgcaa tctcagctca ctacagcctc cacctcctgg gttcaaggga 240  
ttctcctgcc tcagcctcct gagtagttga gactacaagt ctgtgccacc acacttggct 300  
aatttttgta ttattagcaa agacgggggt ttaccatatt 340

<210> 607  
<211> 241  
<212> DNA  
<213> Homo sapiens

<400> 607  
ccttagaact atctattaaa ttctatcaca ggagatcatt ggatcacaaac agggcagtag 60



tttctgctga	taagagtata	gaaatattat	agagatgtct	agttaccaac	acgataggaa	120
agggggcatt	atcagccttt	agtgatgagg	accaaggatg	taaaatacce	ttctgtgcag	180
gacagtacct	cagaaggaag	aattctgctg	taacctccag	gtatctgata	agtgaaaagc	240
t						241

<210> 608  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 608						
aataaataaa	ttatgtatcg	tgggaggttt	ttactgggga	gagagctgta	ggtaattggt	60
gcaccacaca	gatgctccct	ccaggactga	aggacttacc	cctccagctg	ctgggattat	120
agttggctga	cactctccag	cagctggcag	tttccaggaa	ctgcctgtgg	ctgaagagaa	180
ccaccttact	caaagttcta	ccctcctcct	aggggcagct	gcacccaatg	actggcctat	240
gtggaggtat	aaatccatct	tgccaatatt	catacttatt	tacataattt	acaatattca	300
tacttaaaga	atctgggccc					320

<210> 609  
 <211> 235  
 <212> DNA  
 <213> Homo sapiens

<400> 609						
accctttgat	ttttttctat	cccacaacaa	tggagccagt	tttttttttt	tttttttaaa	60
tctgaaaggg	ctctgggttt	cacttaaaaag	gaaggcaact	caaactgact	taaacgatac	120
ttgacaaaaa	aggggggttt	tgtttttctg	cattgggcgg	atggccttct	gcttttataa	180
ctggaagatc	caggggatggg	gggggaaatca	agattgactt	gccttaactg	ctcag	235

<210> 610  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 610						
aggacggctc	tgtctggaat	ctttgaggcc	gggaatacac	gagccctaata	gtgactttgg	60
actcggaatt	acctggaaat	cagtgatatt	tgccccacgt	tatgaagcta	tcaatttcca	120
aagacagtta	aaagaccctt	ggctcaaaaat	ggatagttaa	catgaccaa	aaactaaaac	180
tgacttttga	gtactgtatt	agacagtcac	taactaaacc	taagatatta	ttttcttttg	240
ccagtagtgc	tttgtagct	tgtgtgccat	aggggtgagc	tcagtgggat	tctgacaacc	300
tatgattcaa	cccttcctat	taaaaaccac	agttcttctg	t		341

<210> 611  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 611						
ataaatatga	acagtagaag	ctacagaaaa	atgctgttga	gtttttcaaa	actatggctt	60
tttttttttag	gtaagtaaag	ggaattagta	ggggtttccc	tggtctattt	actaatagaa	120
atcgatactt	gcgataacct	cactaatctt	cacatctttt	atccaatttt	atccattcat	180
actataaatg	attattcatt	accttccact	ctgcaggagg	atggcaaaac	caaacacaca	240
tatattctct	ctcttctct	ctctctcttc	ctctctttct	gacacacaca	caaacacaca	300
cacacacata	tcagatgtta	aagaagttca	catg			334

<210> 612  
 <211> 332

<212> DNA  
<213> Homo sapiens

<400> 612  
ataaatatga acagtagaag ctacagaaaa atgctgttga gtttttcaaa actatggctt 60  
tttttttttag gtaagtaaag tgaattagta ggggtttccc tggttctattt actaatagaa 120  
atcgatactt gcgataacct cactaatctt cacatctttt atccaatttt atccattcat 180  
actataaatg attattcatt accttccact ctgcaggag atggcaaaac caaacacaca 240  
tatattctct ctcttctct ctctctcttc ctctctttct gacacacaca caaacacaca 300  
cacacacata tcagatgtta aagaagttca cg 332

<210> 613  
<211> 331  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(331)  
<223> n = A,T,C or G

<400> 613  
ctcccagagt agcgtgagat tacaggtgtg agtcaactaca cccagctaatt tttttttttt 60  
taaggggaga tggggntca ctatgttccc cagggtggcc ttgaactcct ggcctcaggc 120  
agccctcctg cctcaacctc ccaaagtcct ggaattacag gcgtgagccc ccattgcccgg 180  
ggcattcata tattatacac aacaaccgcg aggtccatt catgcacgaa cccccattgt 240  
cttcggccct ttccagcctt gcgctcgcat cattccctct atctcgggaa cccgcgcccc 300  
tccccctttt caagatggtc caccctcgc c 331

<210> 614  
<211> 326  
<212> DNA  
<213> Homo sapiens

<400> 614  
taattttctgt gcccctttac tcaaagatag gacaagacaa agaaaatgaa aacagacaca 60  
aactccaagg tccatgaaac cagaaactaa tcctgaacca tgctaacaaa atagaaagct 120  
tatcaagtga ttataaacca ctctgcatat aagcagcata taagtccaaa tgctgcaga 180  
gagtactgtg ggactcagaa cagcacaggg actagagcac gcttggttcaa cctgaggcct 240  
gtggggccaca tgtggcccac gacagctttc aatgtggtcc aacacacatt cataaacttt 300  
cttaaaacat tacaaggttg ggcgca 326

<210> 615  
<211> 304  
<212> DNA  
<213> Homo sapiens

<400> 615  
agggtagaac ctatatgttg ctattgtatt gctatttatc tacttaaata actcttactg 60  
tagtatgtat tgctcaagga cagagattgc gctgctcatc tttgtgatat ccacttagc 120  
atagtttcta agcaaatagt atacttcttt catatatgct tatcaagtaa atgaatttga 180  
ctctacctcc tattgaacta ttcagaaatt catgtttacg atttttagcaa tgagaacacc 240  
aagacttatc tatagagtat cagagataat acaactaggg agtagatcta aaataagaca 300  
tctg 304

<210> 616  
<211> 321

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(321)  
<223> n = A,T,C or G

<400> 616  
gaggtttcat ttgtggtgac attctctccc aggccacaaa acatttcctg ctcggaacct 60  
tgcttactaa ttgtaagaac ttaccagta agaacttgct ttaaaaactt agcattcaaa 120  
aaaaaagctc tctttaaaag ttatttgatt ttcttggttt ttttcttacc atgctatatt 180  
ttgagtttca cctaaaaaac taaggttatc ttatctaatt gctttaaatt tatacattha 240  
gtcacattca acaatttggt gctaatacatt ttgccagatg ccaggctttt ccaagaagtg 300  
taggatccca tccttgaatc n 321

<210> 617  
<211> 239  
<212> DNA  
<213> Homo sapiens

<400> 617  
cagatccaca cttcggatga aaatggctga aaaggaggca gagatggcag aagactaaag 60  
gaaagcgccg agctgtgact tgacgcccac tccaagggca gtgtggctct tgtgagacca 120  
aaagaagagt aggaatgaac gcgggggtcc tgtgagcagc ggggtggcttt gctgagcttg 180  
gtgctcttag aagaccagcc acttttgctc ctgcagcccg gggccacaga gccagacac 239

<210> 618  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 618  
gatacttatt ttgctatcca cacttgatgc aattgaattc aaggtgcaaa gtcttggtact 60  
gaagcagtct ccttggtgct tggagaacac ctcccttcaga gccctttggt aaataagagg 120  
ggcgacgttg atcatagatg ccacctgggt agcaccgaat ctgactttgg tgacagtcct 180  
aaagcacagc tgggtgattgt gagatctggt agcggcaggc tgagcagata ctacttggtt 240  
ttgcttggtg tgagatacta ctgtttgctt agtatgagat tttttccagc ctgtctctta 300  
aactcctgtg acatctt 317

<210> 619  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 619  
cggacctatc cgtattgcgg accccaaagc tcttcccggg gcctttcttt ctctttgaca 60  
aagcatagct aaggtagctg ggaaagggtg caagagagag aagagagaga agcgatccag 120  
aagagagagc tcccaccctc gctgctgact ggcctgcgac cttcaggcct gcctcttaca 180  
ttctctcgcc cttcccaaat tattactaac acatgagtct gacatacagc gagctccaca 240  
gaggaaagac ctgtattctc tggactatac agaatgatct acggacagag tgataggagg 300  
ctgagtccac actctgga 318

<210> 620  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 620  
 tcccacccga cccaagcacc tgtactttgt cactotccca tttctggcta gaccaggact 60  
 ccctttgaca tctctaacct tgcagagggtg tgactctgcc agagcactct tagatgtcgt 120  
 acagggtgat ttgaagcctt gtattttctc ttaaaagata actggcggtt aatggagcgt 180  
 gctgactcta ttgctaaaaga gaaagaatag gctgggcgcg gtggctcacg cctgggagcc 240  
 actttgggag gccgaggcag ggggaatacc tgagggcagg aagttgagac cagcctggcc 300  
 cacatgacca aaccccc 317

<210> 621  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(315)  
 <223> n = A,T,C or G

<400> 621  
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 tcaaaaacaat gttgaagagt gatgacagac gtgactgtct tgttcttaat tttcatggaa 120  
 gtaagaatgc aaaatattaa tagggaatag tattccctat tagtatgaca tttacttttg 180  
 gttattagta ggtagtcatt aacatgttta agagtttccg ctattcctgt tttatagtgt 240  
 tattgctaga agtgggtcct gaattttata aaatgccttt tcagcatcta ttgatanaat 300  
 tgtatgattt ttttn 315

<210> 622  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 622  
 aaagtgttca gtcctagatg ttaactcct tagctacttt tgtaccaggg atcaaactga 60  
 ttgaaagtaa atgggttatg tgggtcaaaa atgaggaacc aggctttgcc attagcttg 120  
 attcttctaa ctctagctga gtcccacctg gctttttcct ggcttctgta atcatgaact 180  
 atttccaata gccagtggat ataaggagtt atagtagaac caatggatgg tttatagttg 240  
 agaccctctg cattgtatgt tacctatttc aagatttaag agtcattgct gggcacggtg 300  
 gtcacacct ctaatcctag cactttggga ggccaagggtg gg 342

<210> 623  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 623  
 tatatatgat aggaacgtga gcttgaggag tcgcaattgc tgggaatttg ttggggaatt 60  
 tgcttgcctc aaatgaagct cctcttttcc cttaacctag cttctcaaga ttctctccct 120  
 tagttgaaga tattactcgt tacctaata tccaagaaag acctcagaga attactcttg 180  
 actccgtcct ccttcttact ccctattata aatcccacat agtttgctt gtgtaaatat 240  
 ttttcaaatt acccaccctt cattcccttt cctgcttcca cagctgtgat ggaatccctc 300  
 aactttcttt tcaatatttc ctgtagattt agacaaaaa 339

<210> 624  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

[illegible][illegible]

2019

<210> 628  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 628  
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 ggccctgttg tccccatcct tgggagaagt cagctccagc accatgaagg gcatcctcgt 120  
 tgctggtatc actgcagtgc ttgttgagc tgtagaatct ctgagctgcg ttagtgtaa 180  
 ttcattgggaa aaatcccgtg tcaacagcat tgcctctgaa tgtccctcac atgccaacac 240  
 cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat tataccagaa 300  
 tatgttctgc tcagcggaaa actgcagtga gga 333

<210> 629  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 629  
 gggagcccaa agacagtgc agggcatggt agaagggact tgctggactg ttcacctttc 60  
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120  
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggt 180  
 ctaaagtgtc agttcttttt ttttttttta ataaaaacttt aagttctagg gaacatgggc 240  
 ccaacgggca tggtggggac atatgaatac atggcccatg ttgctgggct gccccatta 300  
 actgggcatt ctaagcaaac tatcggag 328

<210> 630  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 630  
 tgcttcctcg gggctgggag aatgacccta attctgaggt ctctgggcgg ctgtgttctg 60  
 cctggaaaaa gcatctctgg ccacagaatc gatgttcac tggagacct tctaggctta 120  
 agctgccttt tgtctaaaga cattcaatat tggatgatt tcttgagctg tgtaacattc 180  
 acatggctca aaaatcgtgc aaatgtgccg ggtaaagagt gcaaagcagc caggcacagt 240  
 ggctcacgcc tgtaatccca acattttggg aggccaaagga ggggtggatca cttgaagtca 300  
 agactttgag aacacgctgg ccaacatggt g 331

<210> 631  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 631  
 gaagcctcta ctgggaacca ccttctgtag gacagtcacc aggccagatc cagaaggctt 60  
 gaggccctgt ggtccccatc cttgggagaa gtcagctcca gcaccatgaa gggcatcctc 120  
 gttgctggta tcaactgcagt gctcgttgca actgtaaaat ctctcaccta gggctgagc 180  
 aactcactga aaaaatcctg tgtcaacagt attggctctg aatgttctc acatgccaac 240  
 accagctgta ttatctctc atgcctgggc cctcttataa acaccacata atttataccc 300  
 agattctggt ctgatcacgc gtgaaccg 328

<210> 632  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 632  
 ggtccacccc aagtctggct tctctcagga gggactcatg aacacgtgcc ctgagcaccc 60  
 ccaaaatgac atcacacaag ggcagaaaagg agctgaagg ggaacgtgaa aggcagaaaag 120  
 ggagccgtgg ttgccaggca accagcccta gccacacctt gtttgtttgg tgacagcaac 180  
 taaagtctgg tcagggccgc ttggccacgc tcatgccttt tcctctcaac agttgcttct 240  
 ttgagtcagg gtgcagctct ggtcacctgg cggcctcttc agctcagccc tccacaaagt 300  
 gtgagcctga aggaccaccc tgaattgcc 329

<210> 633  
 <211> 196  
 <212> DNA  
 <213> Homo sapiens

<400> 633  
 agatctatta tatcttaatc tctttccaaa agctattcaa atgaagagct ccctattggg 60  
 atcaataata gattattcat tttagttttg aaaatatata tctgcttctt agaatacaaa 120  
 ataatgtact ctgttttgtg ttggctatat ttaatatctc ttagattaaa actgttcata 180  
 aaaaagtaat ggcacg 196

<210> 634  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 634  
 gggagcccaa agacagtgc agggcatggg agaagggact tgctggactg ttcacctttc 60  
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120  
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggg 180  
 ctaaagtgtc agttcttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240  
 acaacgggca tgttggggac atatgtatac atggggccatg ttgctgggct gcccccataa 300  
 actgggcatt ctcagcaaac tatcgaggg a 331

<210> 635  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 635  
 tattcaacca tctaaaactc tgccttcata ataatgatgg atttgctgtc atcataactc 60  
 attcgtaggg aatcttgcaa gagctgaact ttggaactac tgccatttgg aagggttcca 120  
 ttcaactctaa gggaaacctg agaatctgag ttcatttact ttttattccc ctttttagca 180  
 gtaatttgtt catttacctt taatgttgaa aggaagcagg ttgaggccag ccatgatggc 240  
 tcacacctgt aatcccaaca ctttgggagg ccgagaccgg cagatcactt gaggccagga 300  
 gttcaagacc agcctggc 318

<210> 636  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 636  
 ataacaggcc cagactgcct gctgccagca cccaggcatg ctatctgagg ggcctagaaa 60  
 tcacttcacc ctgcccacca cagccccatg ctgagcgcct tatcaggggc ctgaggacaa 120  
 gccaccccca catgtactac tcaaaccccc acctgcacaa gcatgttgtc cagagggatg 180  
 gggattgtca catcctgcct accaccacta catagacaca cacacacaca cacatgcact 240  
 cacacattcc aggggcctga ggatgggcct gcccagcatg ttgccaccac caccaccagc 300

acccacctgc accat

315

<210> 637

<211> 314

<212> DNA

<213> Homo sapiens

<400> 637

gaaaactatg	gcaggaacac	agtctcacag	ccaagagaga	tccccaccct	tgagaagaca	60
ccttcctgcc	tgctgtaca	gccccctcgc	agaggctgca	ggtatcaagg	gctgatccca	120
tgctcccaga	gcgtaccaa	ggaaggggtct	tcagaaaaaa	atgctcatga	ggcaaggggg	180
ctgcaaccgc	tgccacagaa	agccagatct	ttctttgcac	cagttgtaca	gtttctgcaa	240
aactgaagac	tgacattgaa	aacgactgct	ggtcagctat	tccttgatca	ctcctagaga	300
gtgtatgtta	ctaa					314

<210> 638

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 638

gacacaggtt	ggagcagaga	aagaggaaac	atagaggtgc	caaaggaaca	aagacataat	60
gatgtcatcc	aagccaacaa	gccatgctga	agtaaataaa	accataccca	acccttacc	120
accaagcagc	tttatggctc	ctggatttca	acagcctctg	ggttcaatca	acttagaaaa	180
ccaagctcag	ggtgctcagc	gtgctcagcc	ctatggcatc	acatctccgg	gaatctttgc	240
tagcagtcaa	ccgggtcaag	gaaatatata	aatgataaat	ccaagtgtgg	gaacagcagt	300
aatgaacttt	aaagaagaag	canaggcact	aggggtgatc	cn		342

<210> 639

<211> 339

<212> DNA

<213> Homo sapiens

<400> 639

aaagaatgta	ctggcctcaa	tttctgataa	ggtatggatg	aaccttcctc	atgccagaca	60
agaaagcagg	atagattagc	acactatggt	aaaatgtatt	tcttcaaatt	aataaaccta	120
catgagataa	ttcacattag	ccaataaggc	agaatacagt	aaaattatat	aacaataatt	180
atTTTTtctaa	gaagtgagga	aacagatgaa	taaaaagtga	atccctccca	ggaaaggtaa	240
acagcaactg	tggcccaatg	tctctgcac	tctggaaata	aggagctgaa	gaggctggaa	300
aggtatattg	acagaaagct	gatataagag	aagagatgg			339

<210> 640

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 640



tatactatct	ttaactgggt	tttcacgatg	gggcactagg	aatctcgaca	ttaatcttgc	60
acagaggact	tctacagagt	ctgagaagat	atcatcatgc	tgaatctgat	catactgctt	120
tttaaaagt	taaggataag	acatgtgtat	atgtaacaaa	acacattgca	tctagaaatc	180
aaaacttgaa	agtatttcca	gggattagga	ttagaaggaa	tattagagga	aacttgaaat	240
ctgagtttaa	aaagatttta	cctttttgat	tgctgcagaa	atgtcctatg	cactctttgc	300
aagn						304

<210> 641

<211> 324

<212> DNA

<213> Homo sapiens

<400> 641

aaagggctgg	gagtggggca	aagatgatag	tgacaatgtc	cgattggcca	ggtaagccag	60
gcctagtctt	ttcatctatt	ttgtgctggg	atttcttcca	catgtggcat	ccatctccca	120
gggatttttc	ctcagctcag	gcaagacagt	cacaagctaa	gatgagtttt	gggaagatgg	180
ggaggttagag	gagaggttgg	gcaccaggac	tctttcatgg	tgcagctgct	ttttctccct	240
gtgaaagaga	tgggaatcct	agcatctcaa	cttggttcttt	tcttacaata	ggaaaagtgt	300
tcatacactg	attcatctct	aaag				324

<210> 642

<211> 315

<212> DNA

<213> Homo sapiens

<400> 642

cttccatgca	ggaatcttct	ctttcagtga	ttctgttgta	tttccagctt	tcttgagcca	60
ttgaggccca	ccatagggtt	ttgcacatag	taagggtca	gaaaatacga	gttctcttcc	120
tctttcactt	tatcaccatt	aggccttcca	gccagacttc	atatctttcc	tttcccttct	180
atcttgggtt	acgccatctc	tctcactaag	agttctttgc	tgacctggg	gccaaattag	240
caagatgtga	ccaacagcac	tgcaatagac	atcagaagac	ccaaacccta	ggccacctct	300
aggctagccg	tggaa					315

<210> 643

<211> 338

<212> DNA

<213> Homo sapiens

<400> 643

gagggttttc	aggcagagga	acagttggcc	aaggaagtca	gctttctcaga	gctcaagagg	60
ttctgtttta	actgtgaatg	gtaaaactga	gaactatata	ctggatacta	cacctggctc	120
ccaagcatct	ctgatatgtg	ctggtcaaaa	ccacaccaga	gaggaagaac	tgtcttggtta	180
ccgagaggag	gggagagtgg	atttgaaatc	tggaaacaaa	atcaattcca	gctctgtctg	240
tgtctcttcc	atcagtgaag	atgacaacgg	aatcagcttt	acctgcaggc	tggggaggga	300
tcagtcctgt	tccgtttcgg	agggtgctgaa	tgttactt			338

<210> 644

<211> 337

<212> DNA

<213> Homo sapiens

<400> 644

tatctcatag	agtactggga	ttctgaaagt	gaaaggttta	taccagtaaa	aagtatggga	60
gtgctggacc	aagctaacat	gtacaagaag	aaatatggta	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaagtgt	ggacaatgga	gaatttttca	gtttatcaat	180
attggtgcac	tcttccatga	aggagtattt	aactctgtga	taagtaccct	ggaagaatga	240
agttatatta	cgactatggt	ggagcttggg	cactagaagc	atgctgaaag	tgttttccac	300

ttaaagtga gtagaaatgc taagaggtgg ccggggcg

337

<210> 645

<211> 335

<212> DNA

<213> Homo sapiens

<400> 645

gagtacaccg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	ttccgtggga	60
cttgtggccc	tectggcgct	caggaacctt	cttcgccctc	caactgcactg	ggtcctgctg	120
gcactagctc	tgggtgaacct	gctcttgtcc	gttgccctgct	ccctgggcct	ccttcttgct	180
gtgtcactca	ctgtggccaa	cggtggccgc	cgcccttattg	ctgactgcca	cccaggactg	240
ctggatcctc	tgggtaccact	ggatgagggg	ccgggacata	ctgactgccc	ctttgacccc	300
acaagaatct	atgatacagc	cttggctctc	tggag			335

<210> 646

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 646

gacacgcgtt	cctcaccatg	gctttgatag	aggacactgc	atctgagata	atgttgccag	60
tgattggatc	cagttcctga	ctgggcttct	gactggtttt	tggctgggtg	tttcgatttg	120
atgggcttca	tgtaaacttt	tgacacactt	ctatgaccct	gatcaagcca	tttcaccttc	180
attctctgca	tttttaccat	tagggagaca	aggatatagaa	tatttacttt	gttctacagg	240
agcgctaggg	aaattatata	acccattctt	tctccagtca	ctaaggaata	taagttcatc	300
tgtcaaagga	aaaatatcaa	cctaaatatt	gctattn			337

<210> 647

<211> 326

<212> DNA

<213> Homo sapiens

<400> 647

ggcaagctgg	ggggactttg	ttagccatga	aacctccagg	ggtgggtgtt	gagcttgggt	60
ttgtttcgct	gtcctccctt	ctgctctcag	gggaggtgt	gggcctgtca	aggctgttgt	120
catgtggcag	agagaaggcc	ccttaggcgc	gttaggggcc	agaagttggc	gctggtgttt	180
gtgcacggct	gtgagtaagc	gcgtaataaa	taaatcagaa	cgagatggac	ggagaccatg	240
cgctgtgctt	tcatcctgct	cagccccag	ctgaggaggt	ttctgacccc	catacccgctc	300
ctgcagcctt	cgagcaaata	tggggg				326

<210> 648

<211> 321

<212> DNA

<213> Homo sapiens

<400> 648

tectgtcaga	ttagattctc	gtaggagcac	aaacctatt	gtgaattgtg	catgcaaggc	60
atctaggttg	catattcctt	atgagaatcc	agcaaatgcc	tgatgatccg	aggtagaatg	120
gtttcatccc	caaaccactc	cacccccagc	ctgtgaaaaa	actgtgttcc	attaaaacca	180
gtccagtcct	tggttccaaa	atgattgggg	gctgcttctc	tagccacacag	ggagtaataa	240
tccttcagta	aggatatgtc	cagtgcacca	acaaggtgag	cttctggggac	aaaggaaacc	300

aagatatgca ctttgagag g

321

<210> 649

<211> 324

<212> DNA

<213> Homo sapiens

<400> 649

cttgtgcaca	cagccaagat	ttcttcaatg	ggtgtgagct	agttgagggg	taaccttgta	60
gggtgcagag	tgtatttggt	tgtttggttg	ttttctctg	tgatgcggct	agtgtctga	120
ttttgtagga	ggtttttcac	tgaagctcat	agttataaac	aaggacatca	ctgctaaca	180
tggtaatgtt	tcctgtgttc	agctattatc	gtatcaagag	cattttattt	cagccagttt	240
atgtcactac	cttatccata	gtttctgtct	tatattttta	tggaaatgtc	ttttctctt	300
attgggggca	ctacactttc	tttg				324

<210> 650

<211> 324

<212> DNA

<213> Homo sapiens

<400> 650

tagtattctt	gtcttagtta	gcaatggaaa	aagaaaagaa	gcaacttggg	aggaagaaag	60
gaaggaagga	aggaaggaag	gacagggcag	gccagggagt	ccaaaatata	cagatgatgg	120
tgtaagcagg	tacttaagtt	aggagaggtg	aaggaacaat	tgaatatagc	tcaaggtagt	180
gacactaaaa	gagagaattc	taataaacat	ttccaaatag	aaaatatagt	taaacattgc	240
gaaaactctg	cacactctga	aaaaaaagaa	gattcttata	gaatctctac	ctaagagaaa	300
cacacacaca	cacacacacg	caca				324

<210> 651

<211> 334

<212> DNA

<213> Homo sapiens

<400> 651

ggccgaggcg	ggtggatcct	tgagggtcagg	agttccagac	cagcctgtac	tctaccctgg	60
gccacagagc	aagactatct	caaaaaaaaa	aaaaaagggg	gccccgaaac	cttttttttt	120
ttaaaaagga	actttttttt	tgcccccagg	ttgaaaaaaa	gggggcagac	cccccccaa	180
gagaatttcc	cccggggaaa	aaaggggatt	cttttttctc	ccccccgggg	gagtgggaaa	240
ttagggggcc	tgccccccac	ccgaaaaaat	ttttttaatt	tttaaacacc	ggaggggtgt	300
tccaaatggg	ggccgggggg	tggtgaaccc	cctg			334

<210> 652

<211> 338

<212> DNA

<213> Homo sapiens

<400> 652

agcgcctggg	gtacaggctg	ggccccgcct	ctgtgggcac	tgacaagagg	cccctctggg	60
gcaggcaaag	ggcatggttg	tggttggggc	tcccctgtga	ggacattgag	cacagctgtg	120
gcatgcgcat	tcagcaggaa	atggtcaggg	gcatgagctg	atctgtctat	tgcttctgag	180
ctcacagtgc	cctgaggagt	acggtgctca	aacctcatga	gcaaggtgag	gcctgtcaag	240
agagccatgt	gtgctcagca	gacccaggct	gcagggcgag	aacagggctt	cctcagcctg	300
tgatagggac	cagtacagtg	caggcaagaa	tctggggc			338

<210> 653

<211> 333

<212> DNA

<213> Homo sapiens

<400> 653  
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agcctcagtc tcactatctg caaaagtggg ttttaagtct ctttgccctg cttgcctcac 120  
aggatcttaa catagacgta agatcaaagt caatagcatg tcaaacaatg tgtaactcca 180  
gttatacaaa cattactgta tctcattggg gatacgaagc tctacacact tgaagatggg 240  
gaaggaataa aaatctatgt ctcacagtcc agacttggag tacaagtaat aagaagaata 300  
aaacttaatc ccttaagtag attcaccata agt 333

<210> 654

<211> 212

<212> DNA

<213> Homo sapiens

<400> 654  
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agcctcagtc tcactatctg caaaagtggg ttttaagtct ctttgccctg cttgcctcac 120  
aggatcttaa catagacgta agatcaaagt caatagcatg tcaaacaatg tgtaactcca 180  
gttatacaaa cattactgta tctcattggg ga 212

<210> 655

<211> 332

<212> DNA

<213> Homo sapiens

<400> 655  
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cccttttttg gctgttttcc ccatttccat ggaacccttt cctctgcggg cggggcctag 120  
gagccatctg tctacaaacc tagtggtgaa gaagaactgc atgatgccct ggttcatcag 180  
cctagagagg tgggcagcac cctgcaattc ccgtcctaga ttcactcactg cttttgtaag 240  
ctgcttttgc ctgtgcttct cagccttggg gaagtcactc gcattcacag tggcttgctt 300  
tcgcccccca cccttggaag aagtccttgg gg 332

<210> 656

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 656  
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agatgaaagc tcccacgcgc cgggtgatag tttactggat tgtaaccacac agaataaaaa 120  
gccacgagcc cacagtgcgc cacacgaaca attcgctgag tgaagagtcg gtgtacacgg 180  
agctgccctt tctccttctt ggccctgggt ggagaatttt tatcacaagt ggggtgatggg 240  
ttttgtccag tgcttttcca tgtccgcggg gatggaataa acgtgacgtt tgtctggggg 300  
cctgtcagtg tacagcacgt cacggatcat ctgcatgtgt gccagggacc ggggcagtcg 360  
cg 362

<210> 657

<211> 350

<212> DNA

<213> Homo sapiens

<400> 657  
acgacagagg gggcctcctg agtacctggg attacaggca cccgccacca cgcctggctg 60  
acttttgtct ttttagtaga gacgggggtt cactatattg gccaggctag tcttgaactc 120  
ctgacctcaa gtgatccact tgccttggcc tcccaaagtg ctaggattac aggcattgagc 180  
caccacacct agccaggatt cccaatcttt atttgccttg aggctgatgg aaaattgctg 240  
gagttctacc tgggattctt aatataaact aacatatata catatacaaa tatatatgtg 300  
tgtacatata actgtaaaaa atagtgcggg ccaagcacag tggctcatgt 350

<210> 658  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 658  
ggtgcacgtg caccatgggt gccattgcc aaggcatgaa tgcacccact cccctgccac 60  
tgtgccacct tgccaccatt gccagcgcac agactcacac cagtggccct gcccccatcc 120  
catgccacaa ccaccactgg tctggatgtg ggcacaaagg ttggcagccc cacaccggcc 180  
agcaccatt ccccccact gaaactgcc tgggtgcaaa tgggcacatg gacccagtt 240  
gccacgtccc cccactgcta gctgccactg ctgctgttgc caatgactgc aaggaagctg 300  
gtaatcccag acttatcagt atc 323

<210> 659  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 659  
tgctctgtca gcctgattct actcctcggg gaggccctcc cttttcttcc aagttctatc 60  
acggtcctct tgttccccct gactgtcttc tgtgcctcct cctctgggct gtagtcacct 120  
ggataaaaac ccatctccct cactaggctg ttagctcctg gaaggtaggg acaagagtgg 180  
gttggatcat ctctgtgtcc ccagggcctc aggtagggcc agcacacagg agggctttac 240  
actgaggatg aaaccctcaa gaggaggccg ggtgcggggg ctcacgcctg taatcccage 300  
actctgggag g 311

<210> 660  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 660  
ataagtgaga agaagagacc cagagaagtc gccatcagcc ccagggtcac acagcagtgg 60  
cagaattcct actagccctg cccctctcct tctcccaagc gaatgtccct aaacacagcc 120  
ccagccagcc tgagctgccc cgtcatttcc cgactacaag cggactgggg gcgtggcttc 180  
cccttaaaag aagaggaagg aggctcaggg gggaagtgc ttggccctgc agccggcctg 240  
ggaggctggg gagggacggg gtttcctgtc acccggtctg gctctttcca ttgagtcacc 300  
tgctcgtct tgggcgtggc caggggagga acagggtgat 340

<210> 661  
<211> 315  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (315)  
<223> n = A,T,C or G

<400> 661  
ggcaccacc accacacctg actaatTTTT gtatTTTTtag nagagacngn nnttnaccat 60  
tttggccang ctgggctgga actcctgacc tcacgggagc cacctgcctc aatctcccaa 120  
ggcgtgaca ctccccgcgc caccactgc gccccgcgga ccaccctcc tcaactggag 180  
cgcgccacc cggggggccg ccaccacctt tcgccccca ccccccacgga atggggagta 240  
aagcggggcc ccccgcccc ccaccccgcg aattatcctg gagctcacag agcgcacccg 300  
cccgccccc ccccc 315

<210> 662  
<211> 208  
<212> DNA  
<213> Homo sapiens

<400> 662  
ggcgtgtgag cttggtgtc ctaccaaagc cagcgtttcg gctcgcgtgc gccggcctag 60  
tttgcctcgc tcctcacgcg ctttgggtt cccggtctca tggccggcct gaccttattt 120  
gtgggcgcg tcccgccctc gtcccgagc gagcagctgg aggaactgtt cagtcagggtg 180  
gggcccgtga agcagtgctt cgtggtga 208

<210> 663  
<211> 319  
<212> DNA  
<213> Homo sapiens

<400> 663  
acaaaaagga tttatatgta ctgttgacac cataaaagat tctgacgaag agctggacaa 60  
caatcagata gaagtactgg accagccaat caataccaca gacctgcctt tccacattga 120  
ctggaatgat gatcttcctc tcaacattga ggtcccaaaa atcagcctcc acagcctcat 180  
tctcgacttt tcagcagtggt cctttcttga tgtttcttca gtgagggggc ttaaatacat 240  
tttgcaagaa tttatcagga tcaaggtaga tgtgtatatc gttggaactg atgatgactt 300  
cattgagaag cttaaccgg 319

<210> 664  
<211> 305  
<212> DNA  
<213> Homo sapiens

<400> 664  
caactcgagg agaaaaccaa atctattgaa ctccattgat gatttggaa gttgatagtc 60  
acaagcaaat gtaagaataa gaaagactgc tttctcatga aacttttta taaaacttct 120  
ggaagcattt tcataaccaa atacctggag tacactgcct cactatcctt agtcatgcta 180  
gctttctctt ccctgcagta tagatctgcc aattcaaata tgtatggcac cagggctggc 240  
atagcgagaa tgattcaatt agtaatatgg cattgttaaa atattataaa gcggggccagg 300  
cacgg 305

<210> 665  
<211> 309  
<212> DNA  
<213> Homo sapiens

<400> 665  
catgactgac tcctcttttg gcatgtctta gtaagagtc atctcttttag agagagtgtc 60  
cttgacaaa aaatctaaag taaacgctcc ctgctatttt ctccataac atcctggcaa 120  
tagtggcagg cagggagatg ttcatattac tgagcacggg tttgacttga tattagaata 180  
tatatttatt tgctcagctt tttttttctc atccctaata aagtttaaat taaattgaag 240  
attgttgagt ttgaaaatac aggaaggaga gactgtcatg gattacccat tgatagagga 300

atgtccctg

309

<210> 666

<211> 310

<212> DNA

<213> Homo sapiens

<400> 666

attcatcagg	gacaaaaacg	ttcatgttca	ttcagcattc	gtgggtctgc	tctacccaag	60
aagttttctc	actcttcatt	ggttctacca	agcataagca	aatcaaaca	ctcattgaga	120
gaatgtcatc	agccaataaa	ataagaaact	gctcccaggc	cctgaatcag	cttattaaaa	180
ttgacctctg	ggactagctt	ctcctaatac	ataaaattat	aaaaaagact	tagacacaga	240
acctcaagtc	tggtctacca	ggaaatttta	cacaagtatt	ccagaaatca	accaatcatt	300
ctaaccatt						310

<210> 667

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(311)

<223> n = A,T,C or G

<400> 667

tctctctttc	tctccctcc	ttccgctgtg	gttaaacaca	gaagacagtt	gcagagttgt	60
aggtcaaagg	gttattttta	gcataatgaa	ggacagccca	aacagaggat	aggctttatg	120
gccaaagttt	gtgctcaata	aagagtcctt	ttgagccggg	cgccgtggct	tacgcctgta	180
atcccagcac	tttgggaggc	cgaggcgggt	ggatcacgag	gtcaggagat	cgagatcatc	240
ctggctaaca	cggtgaaacc	ccttctctac	taaaaatata	aaaaattanc	cgggcggtgt	300
ggtgggtgcc	t					311

<210> 668

<211> 308

<212> DNA

<213> Homo sapiens

<400> 668

ttagatttcc	ctaattatga	atgatttgag	gagcttttca	tgtgcttatt	ggccatttgg	60
gatcattttt	agagaaattt	ctacttaact	cttttcttgt	taaaaaaaat	ttgattgtta	120
ttgcttacta	gcggtttta	ctcgtaactg	gtgctcagtc	tctctgggac	tgaatcttct	180
catcttaaca	gcagggacac	tcacctcacg	aggttgctgg	ggtgcataag	atgaggtggt	240
acgcattgat	gtcaaccca	gtgcctgatt	cacgggagaa	acctaaaaca	tttgttatta	300
ttgtacca						308

<210> 669

<211> 304

<212> DNA

<213> Homo sapiens

<400> 669

tgatccgccc	gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accgcgccc	60
gcctgtacca	acttctta	gcctcaactg	catctctgct	tggactttta	ctgcaaaca	120
atatattatg	tgatgtttta	aataaaaagaa	atatgatgtt	cagtaataac	tggtggaatg	180
agagaatttg	gtccatctt	ctctaataac	aaaggagttc	tgctoctaca	tctgagcaaa	240
attataacct	ttttacataa	aacaactgcg	aagagtccca	gcataaacac	cgcagtctct	300

9999

304

<210> 670  
<211> 150  
<212> DNA  
<213> Homo sapiens

<400> 670  
taactgggca tatttaaaga gaatttaaga catagccaga tgatctcaca tcattttaac 60  
gtgcaagata ttcgagtggtg tgcacagtgt atggaaagggt ctgctgactc cttattcaaa 120  
ggcttgcatc ccagcccgggt ccaccactta 150

<210> 671  
<211> 313  
<212> DNA  
<213> Homo sapiens

<400> 671  
cgtgcctata atcctagcta cttggggaggc tgaagtgtga ggaccacttg aactcaggag 60  
ttccagcctg cagtgcagcta taattacact actgcactcc agtctaggca acagaaggag 120  
accctgtgtc tttaaaaaaa gacaaagaaa aaaagaaaga gagtgcagaa gagccaggag 180  
acatagggtt tagtggtctt gtgaggcata aagtctctggg tgaccccatg gatatttcaa 240  
agaggtcttc acatttcctt gtatcacaaa atttgatggg tgactaataa aacatgtaca 300  
gatgtgcctt aag 313

<210> 672  
<211> 307  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(307)  
<223> n = A,T,C or G

<400> 672  
ggagaaccct tggggggttac atttcaatat ggggcaatta ttggtggcta caagtagggt 60  
cgtgcaatta ttggtggtag gatttgagct ggcctgaacc acaatattca gacactaccc 120  
cttctgtctg cccctctcac tatcccaagg gagaagggat tccaaaatct caacacttca 180  
ctttcctgta ttaagctgtg aatgcaaaca attgttctag tcattcaatg tcttctgagg 240  
aaaaacaatt cagtgcagaa tctaacatac accatgtcta tcatgtaaaa tttatgccac 300  
agaaaaan 307

<210> 673  
<211> 306  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(306)  
<223> n = A,T,C or G

<400> 673  
caggctgtgt gggaaactgg ctgtggtggg ccggtctgag gtctcaagtc tgacaggggc 60  
cactggagcc tccaactcac caatcaacca agtgtgagag gttgctttgg ttgaatggcc 120  
atgtgctggg gtctgactgg ccagccaca gggaggctgg catcccctag ctgagtcctg 180



tacccagacc	ctccagggca	tggagcccat	tgtgaggggt	ctggtgctga	agtgggtggg	240
gagggcccg	caggcctaca	gctttgtcat	ctgcaacatt	cctctcccca	ctttctttaa	300
actttt						306

<210> 674  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(313)  
 <223> n = A,T,C or G

<400> 674						
tcctttcctt	ttagtcttta	tctcattggt	atatgtgatt	ataatggtgt	catttatgca	60
gttgatggt	ctattttaaa	ccttaaaatt	tgttacttac	caactttttg	aatatgctg	120
actgaaatga	ttcatactgt	agcatgtgtg	actcagggta	gtgaaagggg	gtttgttttg	180
aatancaaga	tgagcatcat	actagtcttc	caccacaaaa	cattccatgc	aacttgagac	240
acagatgaaa	cagccaat	tcttcttggc	ttgggggtgg	ataaaggggtg	gattgactca	300
tagagggctt	acg					313

<210> 675  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 675						
tactgacata	gtgacttagt	gatttagtag	tgattatgtg	acttagtgac	atagtgactt	60
agtgattatg	tgggtttttc	caaacaacaa	acatgtgttg	catactttct	gtgatagcca	120
atgagaat	aaagatacat	agagcataac	tggtgcccc	aagcaacaat	gtaataaaga	180
aacaaatata	tatgaagaga	actgcaaaa	actgcaata	tgtactttca	tagaagcgtg	240
tgcaaaaggt	ttggtgatga	tactttaaaa	gggaccagag	aagtcatagc	cagggttgat	300
ttccataagc						310

<210> 676  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 676						
agagtaagac	cagtaagaca	ttctcaaaga	gttaatggct	ttttgattca	gagttgcttt	60
cttgggcctt	ttctcctttg	tcagcttctt	tagaaatccc	atgctgctcc	aagttgttgg	120
gatgtttgaa	tatctggaag	tgataagaga	tgacagaaag	tcaaggtata	tgactagagc	180
agcagccacc	aaggggtgag	tcctagtctc	cttaagaagt	gactggtcac	tcaaggtggt	240
agaattaaga	gcatcacttt	ggggagaagt	agctacagat	gcagctaggg	cagatcaagt	300
tgттаатggg	cgc					313

<210> 677  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 677						
actgtactcc	agcctgggtga	cagagcaaga	ctccgtctaa	aacaacaaca	actctaccct	60
ccttttccat	tataggcttc	tggcctgaaa	caggtttgct	atatagcaaa	acatcaaaaa	120
caaagccaaa	agacaaatga	caaactgggg	caaataggca	aacggttaat	atgttaatat	180

gtcttatata	taaataacat	taaattgggt	ttggagtttt	tattaatatc	atggacaacc	240
attctgattt	ttgcattgag	acagtaaccg	taacttaaaa	tgaccgtagg	attgtctact	300
aactaagagt	ga					312

<210> 678  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 678						
ggccccccgt	gcagccacct	gctgcacttg	cgcactggga	gcgacacgct	cgggcataag	60
tagtgccgga	aagttagctg	ccgagacctg	gtggattgct	tttcgtttat	cagtgcagga	120
aaacagcgct	atagtactgc	gtcacaacta	gcgcagactc	cggcagtatt	tatgcggtgc	180
ggcttgggaa	ctagaatcca	cttcctgtct	tccgcctcag	gctagagggc	gagcgcttcg	240
ccgtgggact	tcttctgect	ggctccgcct	cttgccccgg	aagtactcac	agcggacgg	299

<210> 679  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 679						
ggcctctact	gggaaccacc	ttctgtagga	cagtcaccag	gccagatcca	gaaggcttga	60
ggccctgtgg	tccccatcct	tgggagaagt	cagctccagc	accatgaagg	gcctcctcgt	120
tgctgggtatc	actgcagtgc	ttgttgagc	tgtagaatct	ctgagctgcg	tgcagtgtaa	180
ttcatgggaa	aaatcctgtg	tcaacagcat	tgccctctgaa	tgccctcac	atgccaacac	240
cagctgtatc	agctcctcag	ccagctcctc	tctagagaca	ccagtcagat	tataccagaa	300
tatgttctgc	t					311

<210> 680  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 680						
ttccagagta	ccactgaggg	cccgaacttg	atctgggtact	ccttctccat	ttgtgtctct	60
tatattagtg	gttccctaac	ttttagtcac	gttagcgtca	cctggggggc	ttttaaaaac	120
cctgatgccc	aggctcgtgc	cttatattaat	taagtaagaa	tgtctgggga	gggtgtccct	180
ggggctccag	tagcagagtt	tgggagctgc	cttcctacca	cttggccttt	cattccctgt	240
gttcccttct	gtctacattg	gccccctact	ggtcccacct	caggggtctg	tcctcattcc	300
ccctctgcct	gg					312

<210> 681  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 681						
gatgtcttat	tttaagatat	tttaaaatgt	tttacatttg	cttaaaatth	tacaattgag	60
aaaacatttc	tgcataaaca	tcataatctca	tttccttata	ataataatth	tgtaagctta	120
tacactgaaa	aaaatggtag	aaaagtaaga	aaaactgctc	aaggaccac	agaccattth	180
agaattataa	tattaattct	ggctcttctaa	attcagtgca	cattgcatta	catgacagtc	240
ctctccatct	ttagcaacag	agataaaaaat	gttggcatcg	gggccggggc	cgggtggctca	300
cgcc						304

<210> 682  
 <211> 302

<212> DNA  
<213> Homo sapiens

<400> 682  
aagagttaga aagaaaagag gaaggcggga gaaagcgtgc ggaagcttct gggagtgtaa 60  
actttcttgc ccttgccgcg tgcgccctct aaagcccccg tgcgctcccc ctaccccagg 120  
ttttcggagc ctcccagcct ctctcgttaa ggcggttccg gccgcctcat ccccgtcctc 180  
tgccccaccg cacccaaggt gttggtttcg ggaaggacct acgctgggtc ccccgaggct 240  
cctcgggttc tgccgatget ctggccggac ccgagggggc ggcctgtgga cccgcgttac 300  
tt 302

<210> 683  
<211> 205  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(205)  
<223> n = A,T,C or G

<400> 683  
ggcgtgtgag cttggttgtc ctaccaaagc cagcgtttcg gctcgcgtgc gccggcctag 60  
tttgctcgcg tcctcacgcg ctttggtttt cccggtctca tggccggcct gaccttattt 120  
gtgggcccgc tcccgcctc gtcccgcagt gagcagctgg aggaactgtt cagtcagggtg 180  
gggccggtga atcagtgtt cgtgn 205

<210> 684  
<211> 312  
<212> DNA  
<213> Homo sapiens

<400> 684  
tacatcattc aaaactttgt gcagattctg aactctgagg agtttcttga cctgcccgtg 60  
gacactctgc accacatctt gaagagtgat gacctttacg tgaccgagga ggctcatgtg 120  
tttgagaccg tgatgagctg ggtccggcac aagccatcag aacgactctg ctactcccc 180  
tatgtcctcg agaacgtgcg cttaccgctt ctggaccgtt ggtactttgt ggagacggtg 240  
gaagcagatc ctctcatcag gcagtgtcca gaggtcttcc cgctgtcca ggaagccagg 300  
atgtaccacc tt 312

<210> 685  
<211> 162  
<212> DNA  
<213> Homo sapiens

<400> 685  
gggtcccagg aagatgtccg tcagccccct ggagagctgg ctcacggccc gctgcttcct 60  
gccagactg gataggggac cgcagggact gtggctccac cgcaatccta ccagtgtccg 120  
cccagccaga taggggaagg ggccgagcag ggggatgaag gc 162

<210> 686  
<211> 292  
<212> DNA  
<213> Homo sapiens

<400> 686  
ctgcatgatt tattgtgcta tctggaaaat caattttttc ttcttgggac cacagaagag 60

tctgtttcaa	aacacatttg	cacccttaaa	gctaacatat	tcagtcttac	tgcctctggt	120
atctgtaagc	agaccatttc	catgctattt	ttaggatcat	ttccagaaaa	ataatttgtt	180
tcattgtgga	gtctgtcaag	ctaaatggag	ttattttctt	tgtggagttg	gatgagtaaa	240
tctagtccta	agaaaatgag	gatttaaaac	atttcctgca	gagagctcat	ag	292

<210> 687  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 687						60
ggccccccgt	gcagccacct	gctgcacttg	cgactggga	gcgacacgct	cgggcataag	120
tagtgccgga	aagtttagctg	ccgagacctg	gtggattgct	tttcgtttat	cagtgcagga	180
aaacagcgct	atagtactgc	gtcacaacta	gcgcagactc	cggcagtatt	taggcggtgc	240
ggcttgggaa	ctagaatcca	cttctgtct	tccgcctcag	gctagagggc	gagcgcttcg	293
ccgtgggact	tcttctgct	ggctccgcct	cttgccccgg	aagtactcac	agc	

<210> 688  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 688						60
tgttggtgcca	aggggttaaa	gaagggtccca	tctggccctg	agtcccagtc	ctcaggtgtc	120
cctgaggtgt	ctatcatctg	tgtgggtccac	attcttcagt	tcacatatgt	ccccactgag	180
aaggetgcat	cagccatcgt	gaccaactct	gagtcaggct	tgaggaccca	ggaatcagtc	240
atttgactgc	ttctgtgtcc	tgtgggggtg	ctgtttgtgg	caatgactct	ctggacccat	288
cacacagatg	tcccctctct	gggttcttct	tgtcccctct	ggactctc		

<210> 689  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<400> 689						60
ctgaataata	ttattacaga	actgaaaaaa	aaaacccaaa	aatactactg	taagtatata	120
aaaacataat	tgaatgtgaa	attgttctgt	tttatgtaaa	ttatgtttaa	agctaataaa	180
ggggaaatgt	ataaaattat	aaagaattta	aaaaataagg	cggggcacag	tggtcacgc	240
ctgtaatccc	agcacttttg	gaggccgagg	cgggcggatc	actaggtcag	gagatcaaga	286
ccatcctggc	taacatggtg	aaaccccatc	tctactaaaa	aaaata		

<210> 690  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<400> 690						60
gactgcatgc	acagggttta	cattttcttg	tgaatctata	atcattttcaa	aatgcagggtt	120
tttaaaaaaa	gtcgttacac	tggaaatgaaa	taaaatgaaa	taatgtgaga	aaaatagaca	180
agaggattaa	accgcttatg	cttaataata	ctgagactat	gtcgcagaga	aacttctaag	240
gaatattttt	ggtcaagaga	tttgtatcgg	tgcggttcaa	agatacacga	aaatttgatg	284
ttgttgaaac	tttcctaaaa	atgatacaga	ggtaacaata	tacg		

<210> 691  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<400> 691  
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tttttttttaa aaaaaaagaa caactctttt tgctctctta aattacatac aagcatcgta 120  
gtcttggttag aaccacaatt ttgtgtgttt atttataagg caattgagtg gggcgaaaag 180  
agcattattt acctgctgaa ttcaacatct tggaagcacc agggaaaaaa ctaggatcct 240  
actattattt ttgcggcaga taatgactct agtttgactt ctg 283

<210> 692  
<211> 285  
<212> DNA  
<213> Homo sapiens

<400> 692  
gcctgctacg cagccttaaa acctgaggct ttaagttcct agtattgaga agccccagat 60  
ttcatactta ttactctgt tggtttcact ttctctcca tttgtgtct cttgggatag 120  
gctttgtttt attttcaagc tcagctatgt atataaaaga atgctgggct gggcgagtg 180  
gctcagcct gtaatcccag cactttggga ggccgagttg ggcgatcat gaggtcagga 240  
gttcgagact agcctggtca acatggtgaa aacctgtctc tacta 285

<210> 693  
<211> 280  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (280)  
<223> n = A,T,C or G

<400> 693  
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gtgtaggaat ccttctccc aaaactctaa cagtacattc tcaggcttcg tgagctcacg 120  
cttaagacac attattttct gatgctggac agcttcttta aaaaaatgta gattcttaca 180  
ttaagctaaa atttatttta tgaaagttca agaattctgg tccaaattgg gatgaggcct 240  
atggtgcagg acttccgtga aattttatga gattacaaan 280

<210> 694  
<211> 274  
<212> DNA  
<213> Homo sapiens

<400> 694  
tggaaggctg gcacgggggt gagggatgaa atactatcta ttgagttcaa ggtacactac 60  
tcgggtgatg gatagagcta acagcccaat cttgaccact atgctatata tgcattgtaac 120  
acaactacac ttgtaccctt aaattttatac aatatttttt taaaaaggag aagatagtgt 180  
ttagtcagat gattgggtcta aggttagagg ggggtgggta tatttaaaaca gcacactttt 240  
gtacaatctc ttagatatcc taactaaaga aaac 274

<210> 695  
<211> 268  
<212> DNA  
<213> Homo sapiens

<400> 695  
ggctgaaata attttaagta gcttgcccca aattacatgg gcaacaaaag gagctgaggt 60  
ggcactaggt agagcgcaac tcgtgtcatt cctgcgccac tttgtgacca tatcacaatg 120

tcttttctgc	cctacaaaa	taggtattaa	taacagccaa	tatttatatc	attctcttac	180
atgcaaaaca	ctgctatgat	gcgttatctc	acctgacctc	cacagtgtctg	taagataggc	240
accatgattt	tactcccttt	acacacgg				268

<210> 696  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<400> 696						
ggcagcagcc	cccaccctac	cacacattct	atagaactgc	accaacccca	ggaaccgcaa	60
tcagatctct	aaggcgggcg	ccgggaaaca	ggcccccgag	ctgccagact	atgccccaga	120
ctaccagcac	aagttcagtt	ttgacatcat	gcctacggcc	cggcccaaga	ggaagggcaa	180
gtgtgccccg	aggaccccc	tccgtgcccc	cagcggggtg	cagcaggcct	cctcggccag	240
ttccctgggg	gcctccctcc	tggctctggac	actggggctg	gcggtcactc	tccgtgagg	300
acccacggcg	ttagcacc	gcactgccac	atgtccacca	aggaacagaa	tttattttct	360
tcttttttta	acaagcggaa	gatctgtctg	gttccaggaa	aaggctggtg	caggcttctg	420
gggggtgt						428

210 697  
 211 428  
 212 DNA  
 213 Homo sapiens

<400> 697						
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gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgctggtg	ctggaacggg	tgtgcagcac	tctcctgggc	ctggagggaac	180
acctgaatgc	cctggaccgg	gctgctggtg	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgctctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	ccctgaaagc	caagaccagc	ctcccagcct	420
ggtcagag						428

<210> 698  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 698						
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gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgctggtg	ctggaacggg	tgtgcagcac	tctcctgggc	ctggagggaac	180
acctgaatgc	cctggaccgg	gctgctggtg	acggcgactg	tggcaccacc	cacagccgtg	240
cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgctctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	ccctgaaagg	caagaccagc	ctcccagcct	420
gggctg						426

<210> 699  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<400> 699						
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ttggatttaa	ctgagtatgc	aagaagacac	cagtgggtgga	atcgagtgtt	tggccacagt	120

tcgggaccta	tggtagaaaa	atactcagta	gctaccacaga	ttgtaatggg	tggcgttact	180
ggctgggtgtg	caggatttct	gttccagaaa	gttggaaaac	ttgcagcaac	tgcagtaggt	240
ggtggctttc	ttctttcttca	gattgctagt	catagtggct	atgtgcagat	tgactggaag	300
agagttgaaa	aagatgtata	taaagcacia	agacagatta	agaaacgagc	gaacaaagca	360
gcacctgaaa	tcaacaattt	aattgaagaa	gcacagaatt	tatcaagcag	aacatttgtga	420
tatc						424

<210> 700  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(414)  
 <223> n = A,T,C or G

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tgacttggcc	gccgtgtcca acaaattccg agacctcttg caggaagggc tgacggagct 180
caacagcaca	gccatcaagc cacagggtgca gccttggatc aacagctttt tctccgtctc 240
ccacaacatc	gaggaggaag aattcaatga ctatgaggcc aacgacctt gggtaacaaca 300
gttcatcctt	aacctggagc agcaaatggc agagttcaag gccagcctgt ccccggtcat 360
ctacgacagc	ctaaccgggc tcatgactaa ccttgggtgcc ggcgaggtgg aaag 414

<210> 701  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<400> 701	
ggcacgagga	acgtcctatg tgggactttg gggcaaacac cagtttggct gccccaggag 60
aagaggccgc	cctggcccag ctccatccat ctggagagca acacagacct aggacccccg 120
gcöcgcatct	ggtcgacaga tgtgtgtctc tatctggcag gcagccccgg ggacccagca 180
gaaatttttg	ccctagccta gctctggaat cgacctccag gtatcttttg aacctgagggc 240
ctcctcctct	cacacccaag aaggccccca ggöctgtggt gctgtggtcc tggccccctgc 300
agctgggact	ccaggaagcg tgöcgaggcc caccatgctg gctggcagct cccaagggca 360
ggtctgtctg	agccctcata ctgggagtgga gcctgggtag acaa 404

<210> 702  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 702		
ctaacgggtg	agcttcaggt ctgcattttt ctttctcttt ttttagtggg cacagctatg 60	
atatcaaaag	gtaggcctgg aaccaagctg atgggagagg gaagacctga actggtcagt 120	
ataagaagga	aatgagaaat gaacaggaat gaaatggggc gcgagtggc agagagcaaaa 180	
naaggaagt	tgggcagtga gtgcctgatg gctgöggagt ttctgtttca aacgataaaa 240	
aaaaatttta	gaaatggaca caacattggc cgggcacggt ggctcacacc tgtaatccca 300	
gcactttggg	aggctgg	317

<210> 703  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 703  
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 gcattctatt cttgactcaa gaatgtaaca ttttgctctgc atatattcat ttttttgaag 120  
 ttttcttatt cctgcatagt ctattgcttc atgtatTTTT tttgtttttg ctttcttttg 180  
 gactctgtca tgttggaac ttttctcaat tgccttcctt aggttaactgc ataatgtgat 240  
 gtggaagatt caaaagttga ttgccttatc taaattcgac agtttgaaac ttcccttttag 300  
 gctgatctgg gtcagccatt ttgggagagt tctccagaga ccttaagtct tatgtcttgt 360  
 gctgggcaga caccctcagg gaatagtctt ccattttt 398

<210> 704  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 704  
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 ccaaaggctg ttattttata gtggaagctg acataaagga gttcacaact ttgaaagctg 120  
 acaagaagtt tcacgtgtta ctgaatattt tacgacactg ccggaggcta tcagagggtcc 180  
 gagggggagg acttactcgt tatgttataa cctgagtcctt ttgtgaactt ttgaacatac 240  
 caacagggtg tagagtatag aggcattttt tataattttt ttatatataa tttttttaac 300  
 ttttaattctt ttttgcttcc tttttttttt ttttaaaaaa agattttttt ttttaacaccg 360  
 ggggtttttt ttttcccccc agcttatttt tagga 395

<210> 705  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(395)  
 <223> n = A,T,C or G

<400> 705  
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 tctagacctg ggtgctctac gggtgatggg aggaccagcg gggaggggca ggctccctgt 120  
 ccagagtctt ggaggtgggg ccctgggttg tggctctggc tgtcccggcc ttgagtagct 180  
 gggatctcat gaggccggga gtccctctgt gtccacatcc tgcagtgtcg cgggggctgc 240  
 ccggccagat gcaggccagg gctggacact tactcctcct agacttagct tgaacagtgg 300  
 cattaaccat ggtcactccc ataaaccag gctccagacc aggggcccga gagcgaggcc 360  
 tggggactgg gaagtccan aaccccgagg tggag 395

<210> 706  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 706  
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 tacaaaaaac agccgggtgt ggtggcaggc gcctgtaatc ccagctactt gggagactga 120  
 ggcaggagaa ttgcttgaac ccaggaggcg gaggttccag tgagccaaga tcgtgccatt 180



gcactccagc	ctgggtgaca	cagtgaagaca	ttgtcaaaaa	aaaaaaaaaa	aaaactgctg	240
ggggcctttt	tttgctgaat	cccaaaccatg	gtgaacacct	tgggtggggtg	ggcccaaccc	300
cctttgaaat	ggcgggaaaa	aatgggcttt	tttgggaaaa	ttggggagcg	tttgtttttt	360
ttggaccctt	tttaaagctg	aaaaaacctg	tttaac			396

<210> 707

<211> 394

<212> DNA

<213> Homo sapiens

<400> 707

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ggtggacccc	actgatccca	agactctggc	ctttaaccct	aagaagaaga	attatgagcg	120
gcttcagaaa	gctctggata	gtgtgatgtc	tattcgggag	atgaccagag	gctcatatct	180
ggaaatcaag	aaacagatgg	acaagttgga	tcccctggcc	catcctctcc	tgcagtggat	240
catctctagc	aacaggtcac	acattgtcaa	actacctctc	agcaggtggg	tcccacattg	300
agaactggca	ttcgatcctg	cgcaatgggc	tgggtcaatgc	atcctacacc	aaactgcagg	360
aatgggaaaa	ggacagcaca	ggatgccttc	caag			394

<210> 708

<211> 396

<212> DNA

<213> Homo sapiens

<400> 708

cgttgctgtc	ggcagcggcg	ctggcttttag	aaaattactt	ttccactga	aacacaccca	60
agtatatgcc	cagccttcat	gaaagtgaac	agagaaacga	agcgccttta	tgtgggtggc	120
cttagccagg	acatttctga	ggcagacctt	caaatcagt	tcagcagatt	tggagaagtt	180
tcggatgtgg	agatcatcac	acggaaagat	gaccaaggaa	acccacagaa	agtttttgca	240
tatatcaaca	tcagtgtagc	agaagcggac	ctgaaaaaat	gtatgtctgt	tttaaataaa	300
acaaaatgga	aaggtggaac	attacaaatt	caactagcaa	aagaaagctt	tctgcacaga	360
ttggcccaag	agagagaagc	agcaaaagct	aagaaa			396

<210> 709

<211> 385

<212> DNA

<213> Homo sapiens

<400> 709

cgttgctgtc	ggcagcaaaa	aaacagttat	gtgagcagtt	tcacttggag	gttcacatgg	60
ggtggcagca	cacttaacat	ctaacacacc	aggttcattg	tgttcataac	acttgtcatt	120
tactgtaaca	acattttttc	ataggagagt	aaatagccct	tcagcatgct	cattcatgaa	180
acagaagagg	ctgtacaagt	gaagacaagg	gcttttttatg	caagttttga	aagataggta	240
tttatttttt	ctagagacag	gagtttttgc	ctgttgccca	ggctggagtg	cagtgggtga	300
atcatagctc	attgaagcct	cgcactcctg	ggctcaagtg	gtcctcctgc	ctcagcttac	360
tgagtaagga	tatgtatttc	ttaaa				385

<210> 710

<211> 386

<212> DNA

<213> Homo sapiens

<400> 710

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ccaaaggctg	ttattttata	gtggaagctg	acataaagga	gttcacaact	ttgaaagctg	120
acaagaagtt	tcacgtgtta	ctgaatattt	tacgacactg	ccggaggcta	tcagagggtc	180
gagggggagg	acttactcgt	tatgttataa	cctgagtcct	ttgtgaactt	ttgaacatac	240

caacagggta tagagtatag aggctatttc tataattttc ttatatataa tttttttaac	300
ttttaatctt ttttgtttcc tttttttttt ttttaaaaaa agattttgtt tttgccccca	360
gggggtttttt ttttcccccc agctta	386

<210> 711  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(363)  
 <223> n = A,T,C or G

<400> 711	
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ttgctggctg gccaccaagt gaagataaac tggcctgggt cacaagtctt ttttctgtgt	120
ctagttgccc aaggtggaca catctctgtc atgtctcagg accagtaaac tcaagctatg	180
cttgggaaggga cagaattgat caagatggaa tgactcctga gaggagacag tagtgatatt	240
tctgctccac tgctatttat ttttctggct tcaaggttca gattcaacca tggcaggaga	300
gaaagtccct agcagnttct tattttatat tttttttggg cctatgcacc cctcattaat	360
aag	363

<210> 712  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 712	
tgaacccggg ggggggggttt gcagtgcgcc aatattgtgc cactgtactc cagcctgagc	60
aacagcgcga gagtcgttct caaaaaaaaaa aaaaaaaaaa ggggggggttt aacccccctgg	120
tatccccac cttttggggg ggggggggat tctcattttt tgccgggaaa aaatttccag	180
gttgggattt tcttaagttt ggaaagggtg ccccttgggc ttttaataacc tttaaagggt	240
aataaaaaagg ggggggttcc cccgggaatc cccacattt tggggggggcc gggggggggg	300
gaccaaaggc cagaatttta aacccccccg gcccaacata ggaaaccctt gttttattaa	360
a	361

<210> 713  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 713	
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tgacctcgtg atccgccctc ccgcctcggc atctcaaagt gctgggatta caggcgtgag	120
ccacggcgcc cggacttctt tcttttttaa gcaaagcctg ttagaatggc ttggatctcg	180
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gatgcggcca gacccgcgc tcaagtggc ggtgctggtg ctggtgctgg tgcagatgct	360
ggcctgctgg ctggtgcgcg ggtggcctg	390

<210> 714  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 714

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aaatgcataa	aaagcagtc	atttacgaaa	cttctgagtt	ggtgggacac	tggtgattaa	120
taatgtactg	tatgaattaa	gagatgcttt	aactttgatt	ttacatttta	taggtaacat	180
gtggacatta	tagtatcaaa	catattggca	ttatgtcggc	atactagaaa	cattgtattt	240
cctgtgcttt	taaagtatac	tctttacatg	atctgagaga	ggattcaagg	tgatagaaat	300
agctgagggg	aaaaggggga	acatttttgg	atgaagattg	gccttatggg	gatgggttaa	360
ttacacatta	tgatgttaga	ag				382

<210> 715

<211> 351

<212> DNA

<213> Homo sapiens

<400> 715

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ccgcctcccg	agttcaagag	attctccggc	ctcagccccc	tgagcagctg	ggattacagg	120
cacctgccac	caagcccagc	taatttttgt	attttttagta	gagacggcgg	tcaactcctg	180
gaactctgaa	tgaagcgaaa	atgcgtaatt	tgggataata	tcaaacctgg	cgtggtgagg	240
aaagcccacc	acaagcccgc	ccctggaatt	tctccctcct	ataaaccag	gcaacataaa	300
taagtgtggc	tgggcgcccc	ctcctcccaa	aaactcttgc	tgaaggacgc	c	351

<210> 716

<211> 378

<212> DNA

<213> Homo sapiens

<400> 716

cgttgctgtc	ggagacttcc	caggaaggtc	cagcgccctc	tcagccttcg	tactcagaac	60
agccgatgat	gggcctcagt	aacctgagcc	ccggctcctg	ccccagccag	gccgtgcctc	120
tcccagaggg	gctgctccgc	cagcggtaca	gagaggagaa	gacctggaa	gagcggcggg	180
gggagagggt	ggagttcctt	cagaggaaga	aagcattcct	gcggcatgtg	aggaggagac	240
accgcgatca	catggccccc	tatgctgttg	ggaggggaag	cagaatctcc	ccattaggtg	300
acagaagtca	gaatcgattc	cgatgtgaat	gtcgatactg	ccagagccac	aggccgaatc	360
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<210> 717

<211> 381

<212> DNA

<213> Homo sapiens

<400> 717

cgttgctgtc	gggacatggc	acctttctgc	tgtgcctgga	aaccattttac	cagaaagtga	60
cgggcaagga	gctgagatac	gagggcctga	tgggcaaacc	cagcatcctc	acttaccagt	120
atgccgagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggcccgc	cccatccgga	180
agctctatgc	tgtgggtgat	aacctatgt	ctgacgtata	cggcgccaac	ctgttccacc	240
agtacctgca	gaaggcaacg	catgatgggg	cgccagaact	aggggcgggg	ggcacacggc	300
agcaacagcc	ctcagcgagc	cagagctgca	tctccatcct	ggtgtgtaca	ggcgtctaca	360
atcccaggag	cccacagtcc	a				381

<210> 718

<211> 344

<212> DNA

<213> Homo sapiens

<400> 718

ttaaggaacg	gaagttaaga	atgtaacaga	caaagtaaaa	agacggcaga	gttgactgct	60
aagcctaata	cttttaggct	tctcatgtta	ccttgcttaa	aattgctgta	taattttcaa	120



acaaagagga	attagtgaa	gaataaatga	aagtctatat	ggtaaagctg	gggcatggta	60
ggactagtc	tttagaagtc	tcctgattct	tagtttactg	ctctttgcaa	tccacagcat	120
taacccccac	atatatatgc	cccagggtga	gacctgactca	taacatcact	aacctacta	180
ccaatgggtga	tgtgtaagca	ctttgtgctg	gggttaaagct	tcaaactttt	cttattgaga	240
ttagatgatc	taagcagtag	agtcacctaa	atcaagggtc	agggccaggc	gcggtggctc	300
acgcctgtaa	ttccagcact	ttatgaggcc	gaggtggctc	g		341

<210> 723

<211> 371

<212> DNA

<213> Homo sapiens

<400> 723

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tgtagccatt	tacctgtgat	tcaggggcca	gggtgaggcc	caagagtggg	ggtcggggcag	120
tggacaggcg	ggccaggctg	aaagacctct	gacaagggtg	tgtgtggggg	gcagggtgtgg	180
ccggtgtgga	tggcatgctg	ggtcgggtgc	cacagagtgt	gggtggacgag	gaggacagtg	240
gtctgcagag	caccctggag	gcatcgctgg	agctacgggg	cctggcccgc	gttgctgata	300
acgcccagca	gcagtatgtg	cgctcacgcc	cggcgcacct	gcctgagtc	atcaagaggg	360
cgaaggagat	g					371

<210> 724

<211> 333

<212> DNA

<213> Homo sapiens

<400> 724

catgggggga	aaagacctct	ctaattgttat	gtagaaagag	aaggagggag	tggcccttct	60
agcgtggatg	ccttttggtc	ccagatctgg	atgtgagggg	ctggctctat	ctcttaagaa	120
gacatttacc	tagcatttgt	aattggagatg	gggccttaat	agggctaggg	aggcacaccc	180
aactccagac	acagctctct	gctgttcccc	ttcccagtgc	acacagtc	aattcccact	240
ccagaaaatt	ttttaaaaac	atatcttaaa	aaaaccccaa	agagccaagc	agaccctcag	300
cttcaaggga	tctcctcatt	ctctctctct	ctc			333

<210> 725

<211> 334

<212> DNA

<213> Homo sapiens

<400> 725

acgtcctact	gtaccagcaa	taagacaata	tgaataccct	gcaaccttaa	gggtgcttgaa	60
gtaagtaata	cgctctcaat	gagacaaaag	caacaatttg	gaaacaaaag	tggaaattaa	120
caatgccact	ggtttctgtt	taaagaattt	atgtatcggt	ctttcattgt	gaataaactc	180
agtaagcagc	tactcaaag	atgtgattac	atggtctagg	aatatactct	tgggtctccaa	240
aatgacttct	ctatgactcc	tggtagtata	tgaacttag	taattaacac	tttctaccat	300
ttaaatcaaa	taaatatgtt	tatctctgtg	aaag			334

<210> 726

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 726  
aagctcggaa aaagaaatag aagagaaggg ttatgatgga tttccttgat ttattcagat 60  
tgtgaaaacc taacagataa atttccacaa aattaaagaa aattcaaata ttagatgggt 120  
gaagaagtcc ctccaatttt aaataccagt aactcatcat ttacctgaga ctagaaaata 180  
actagatatg ctttaagatgc ttctccattc ttgttgggtc cggggctaca ttctttctga 240  
taggtaccta gcgtgtatat tacacttcac atgtgcatgg catactgcag tgaatcaagc 300  
aatctggggag ggaaaccttg ccagaggaga aatn 334

<210> 727  
<211> 328  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(328)  
<223> n = A,T,C or G

<400> 727  
tcattttatg ctgccttctt agatgcaagt attcattcat cccattatgt actcaatcaa 60  
tgaatatatta ctgaatcctt tctacatacc agacattgaa ccagacatgg ctcaatgagg 120  
acttgggtgta gcccttgagg gagcttacag tctcagagag ggaaacagtc atgtaaaaat 180  
gagtcgtggg aaaataactac aagtgttttag gataactaat aagtgcagaa aaatagatca 240  
gatgggtcttg aattctggaa ggtgagctca ccagatagtt gaattccaaa tacatgcaat 300  
gttatgggtg gtgtgtgtgt gtgtttgn 328

<210> 728  
<211> 329  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(329)  
<223> n = A,T,C or G

<400> 728  
gcaatgagtc ttaagaaggt aacagcctaa aaccatctca gatgaaatgg agctgctcag 60  
agacttttgg gagctctcag acctggtgga gacctctatc ccaagtcaaa atgcaacact 120  
cacttcaaac agaaatatcc ctacaagaca ttaattcaca atttcaacgc tttatgacct 180  
cccactatat gccaaagcact tttaaagact tcagaggaat ataaaaatga atcatatttc 240  
atcttccatc tgctcaaaat totctttggg tgggcagtggt ggagcagcag aaaagtacgt 300  
tatttggttac aggggaggtg tggatgaan 329

<210> 729  
<211> 164  
<212> DNA  
<213> Homo sapiens

<400> 729  
ggcagacgca ggggtcggcg ccgggtgaga gcgtgcggcc ggggtgagagc gtgcggccgg 60  
attcaccaca acatggcaaa tctttttata aggaaaatgg tgaacctctc gctctatctc 120  
agtcgtcaca cggggaagcc tcgagccctc tccacatttc tatt 164

<210> 730  
<211> 320  
<212> DNA

<213> Homo sapiens

<400> 730

tcaggtggga	ggatcgtttg	agtctgggag	gttgaggctg	cagtgagcca	taatcatgcc	60
actgcactcc	agcctggaca	acagagcaag	accctatctc	aaaaataata	aaattttaa	120
gttgataga	gatgtatgta	aatacataga	aaaaaactgg	aagaatacat	ttaaatagtt	180
aatagtgttc	aacaattttt	taccaggcac	ctactattgg	taggtgagaa	tatattggtg	240
aataaaaacc	cattgatctt	gccctcatgg	atcatatgtg	gacaagatca	gcctttctca	300
actggagttc	tgagagattt					320

<210> 731

<211> 369

<212> DNA

<213> Homo sapiens

<400> 731

ggagatgatt	tggacaaatg	gggttttcaa	ctttgatgtg	aagggaaaag	gggaagtagg	60
ggataccctt	tcagctgtca	ggaactgggc	acctacatgg	gaagccctag	atctgcaaat	120
gctttgagct	ataacaagtt	tgaaaagctg	gatgtgagac	agcactctaa	tttaagggga	180
tgataaaggc	tgggateccta	attctcacc	caaaccctaa	tagcatagtt	ctatttggtc	240
aatccaaaaa	gcacgtgtat	cttggaactg	acctgtagac	tcccatgggtc	tgaatgaagt	300
gatatgtccc	ctaaagcttt	ctctggctgg	ccctaagaca	attaactagt	aagatagcat	360
accagattt						369

<210> 732

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(309)

<223> n = A,T,C or G

<400> 732

ctctaggagc	ttccagggtca	cttctaactg	cctgcagctc	tcccttcteg	gaaccctgct	60
gcattcaaag	aggagccgtg	ctatttagct	cttttttctt	gtcttttttt	ttttttttaa	120
aacagggttt	ccctttgccc	cccagggtgg	agagacattn	ccaatgaaat	tctaagcagg	180
ctcccttccc	tcttgcggtta	ccccaaatcc	taattgtata	cctaaaaaga	gtgggggcat	240
aatggggcgg	ccccacaagg	ccaggggggt	tacagtacac	ttggtgatag	aactttctac	300
ccccaccta						309

<210> 733

<211> 461

<212> DNA

<213> Homo sapiens

<400> 733

gtcattgtct	ttttgattat	cccatcgatt	ccaattccgt	tgctgtcggt	ttcccggagg	60
aaatgactat	tacctgacga	tcacagggcc	ttcgacccc	ttcctgtcag	gggccgagac	120
attccataca	ccaagcttgg	gtgatgagga	atttgaaatc	ccacctatct	ccttggtatc	180
tgatccctca	ttggtgtct	cagatgtggt	tggccacttt	gatgacctgg	cagacccttc	240
ctcttcacag	gatggcagtt	tttcagccca	gtatggggtc	cagacattgg	acatgcctgt	300
gggcatgacc	catggcttga	tggagcaggg	cggtgggctc	ctgagtgggg	gcttgaccat	360
ggacttggac	cactctatag	gaactcagta	tagtgccaac	ccacctgtta	caattgatgt	420
accaatgaca	gacatgacat	ctggcttgat	ggggcatagc	c		461

<210> 734  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(449)  
 <223> n = A,T,C or G

<400> 734							
ggagaaggct	tttngatata	cgcaggatac	cacttgcttg	ctcgtttggc	cgttagctcc		60
aaacattcta	cacgttgata	gaaaactacg	aagagggacg	cttatacttg	ccatcatatt		120
ttactctaaa	cccctgctac	tgggtcattt	tttgattatg	caggtaaata	ccaaagcttc		180
cacaggctgc	tctagtattc	tatcgggcat	tttattccaa	aacttttttt	ttacttttta		240
ctatatgcct	agcagaggtc	taaaaccttt	atacacatta	actgacttaa	tcttgaccag		300
atctgcggt	tacgtacatt	ttactcccat	tctggagctt	acgtaaatga	aacactgaca		360
cgctgatagt	catgtgttag	agtcacgatt	tgaacctacg	taagcttggc	tgcaaaaact		420
gtgttctcaa	atgtctgtac	ttttatatg					449

<210> 735  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 735							
tgacgagcac	atggactttc	tgcgcgatgc	ccttcaggac	catgcgtgct	acttggtgca		60
gaagaccacc	gaagggacac	ccacctgcat	tgtgagctct	atggctttga	aaattacgac		120
acaattcttt	tacgaactct	ccccttcacc	atttgtgtcc	acattaccat	tgctactgtc		180
tggcatagca	gtccttttta	taaatctacc	ctaaggctcc	ttccatcttg	tactgtttcc		240
tttctccctc	ccatctgctc	cagaagaaaa	aaatatatat	atactacaga	atccaccctt		300
gcctcacttt	atgatgacgg	cattccctat	ggaagcccta	tgctcctttt	cacacacaca		360
aaaaatggaa	gtaatatatt	tttctttgaa	aatcatcaat	cctcctacta	tgacatatgg		420
aaagcaaaca	gctgtaccca	cgaaagggtac					450

<210> 736  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 736							
ctatcttaga	acaagttaaa	tagtatatgt	acttgtaata	acttggtgact	agatatgtta		60
gttttgtcta	ttaatttttc	tgtaaaaaag	aatatgcatt	gaaatgagat	ggaaaacaaa		120
atgaaaagtg	tttaaaaaat	taaatatatt	agaaggatca	atatacctaag	ggttgtgggt		180
aattctttcc	tactttctaa	aacttcagat	tcctttcact	cacttaaggt	tgtactacca		240
ttaatgcaat	gttttctggg	agtgcagat	ttgcanatga	attaataaca	gctagaagcc		300
tcactatttg	cacttttata	acattctttg	cttgtatcat	tacaagggtg	aatttatatg		360
taatagggtg	aaaaaagtat	caaaaatcag	tgaaaaccac	atgggattca	tatggn		416

<210> 737  
 <211> 412  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 737

aagttgcctc	agaatgagac	acactctttg	acttcacatg	caacagaaaag	gcacagtttt	60
atttcaaaca	aagcagtgtt	ttgctgtaac	accgttaaaa	actggaaaag	aaaactcaat	120
caaaccaaaa	actagatgct	taggaataaa	tggtagaatt	cttacaaaac	caccacgctt	180
caattcaatc	taaatcaatt	caacaaatct	gtgctgaaag	tataacattt	agttttctta	240
gacaccanac	gaacaataca	aaatcctcca	agggacttag	aacattcaag	ttttctatat	300
ctgtggttct	aagtctgtta	ccaacttcca	ggactctgct	tctttccctc	tgcccattaa	360
caatgcgngt	gttaaagtga	cttctacca	ctatagtttt	tacagctgat	tc	412

<210> 738

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 738

tcgatctcaa	ttccgttgct	gtcggcggac	gccttctctc	tgaagcgagc	caccgagaag	60
ataagcgagg	acctcagggc	cacactgaac	gccttctctg	accgcacggg	ccagcacagc	120
aacaagttca	tgctggctct	ggccagcaac	caaccagagc	agttcgactg	ggccatcaat	180
gaccgcatca	atgagatggt	ccacttcgac	ctgccagggc	aggaggaacg	ggagcgcttg	240
gtgagaatgt	attttgacaa	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgcttg	300
aagctggccc	agtttgacta	cgggaggaag	tgctcggagg	tcgctcggct	gacggagggc	360
atgtcggggc	gggagatcgc	tcagctggcc	gtgtcctggc	aggccacggc	gtatgcctcc	420
gaggacggng	tcctgaccga	g				441

<210> 739

<211> 403

<212> DNA

<213> Homo sapiens

<400> 739

ggaagcgctg	gcgacgcac	gcgcgatggc	gcgggcgggg	cagtgccttg	gaaactgaac	60
acaacaaaag	tatggatatg	ggaaaccaac	atccttctat	tagtaggctt	caggaaatcc	120
aaaagggaag	aaaaagtgt	gaacagcaag	ttatcggctt	cagtggcttg	tcagatgaca	180
agaattacaa	gaaactggag	aggattctaa	caaacagct	ttttgaaata	gactctgtag	240
atactgaagg	aaaaggagat	attcagcaag	ctaggaaagc	ggcagcacag	gagacagaac	300
gtcttctcaa	agagttggag	cagaatgcaa	accacccaca	cgggattgaa	atacagaaca	360
tttttgagga	agcccagtc	ctcgtgagag	agaaaattgt	gcc		403

<210> 740

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(430)  
 <223> n = A,T,C or G

<400> 740  
 ccacgcattc gaattccggt gctgtcgccc agaaggggtct gcatggggcca tgagcggggca 60  
 ctcccataac agcttaccgt acaggctttg gacatgccgg agggaggccat cgagactttg 120  
 ctgtgctacc tggagctgca cccacaccac tggctggagc tgctggcgac cacctatacc 180  
 cattgccgtc tgaactgccc tggggggccct gccagctcc aggcctggc ccacaggtgt 240  
 ccccttttgg ctgtgtgctt ggcccagcag ctgcctgagg acccagggga aggcagcagc 300  
 tccgtggagt ttgacatggt caagctgggtg gactccatgg gctgggagct ggccctctgtg 360  
 cggcaggctc tctgccagct gcagtgggac cagcagccca ngacaggtgt gcggcgtggg 420  
 acaaggggtgc 430

<210> 741  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<400> 741  
 gcaggatccc atcgattcta aatccgttgc tgtcgcacag agccaactaa cgacagctat 60  
 ggattatttg cggttgtgat gcatagtggc attacaatta gtagtgggca ttacactgct 120  
 tctgttaaag tcaactgacct taacagttta gaactagata aaggaaattt tgtggttgac 180  
 caaatgtgtg aaataggtaa gccagaacca ttgaatgagg aggaagcaag ggggtgtgggtt 240  
 gagaattata atgatgaaga agtgtcaatt agagttgggtg gaaatacaca gccaaagtaa 300  
 gttttgaaca aaaaaaatgt agaagctatt ggacttcttg gaggacaaa gagcaaagca 360  
 gattatgagc tatacaacaa agcctctaatt cctgataagg ttgctagtac agcgtttgct 420  
 gaaaatagaa attctgg 437

<210> 742  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<400> 742  
 cgttgctgtc gctgtcacag acacatattt ggatttgtga ttttattctc ctggatggac 60  
 aattgtgatg gatttttttg gttccgggct tcaagctttg caatctcatc ttctttgccc 120  
 ttcctcttgc cataatggaa gaggcgctgc taatttgggt tccatccttt cctgctttca 180  
 cagactgccc tgtgatttcc taaaacattt ccattagttt gtttgaattc tctgattttc 240  
 ttcccttagg gccctccaca ggctctgtg ctagtgcctt gaatgatggc aagcgtacaa 300  
 aaaatatttt ttttcttttt aaaaacggtt ttgttccggc ccccatgct tgtgagccca 360  
 attcatctct ctcgcacgtt atttccaccc ctctaccccc tcagctttcc agcgtgctca 420  
 tcaggggg 428

<210> 743  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(424)  
 <223> n = A,T,C or G

<400> 743  
 cgagtcgtac aattttgtaa nganccggag cccacgattc gaaggctcctt gctttcggga 60  
 agaattattct acttatcaca ccagagcttc caccgacagg gggggggacg taacacacct 120  
 tggttcccct ccggctttcc ttccccttct ctcccgctt ctcttaatac ataccaaaaag 180

cgcctcagct	ctgattggct	ggagctctgt	gctatctcag	ccaatcacia	gccgggctgt	240
gctcctacac	catccgaaga	gcgaatcgtg	cagagaccgt	gtctacgatt	ggcctctccc	300
tgacaaggat	ttaattatga	atTTTTcttt	atggcgtggg	agaggccaca	gcccgactc	360
catcgactcc	cccggctctt	agactaaaat	catgcccaag	tgcaaacac	gaagacgaaa	420
gcta						424

<210> 744  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<400> 744						
cccatcgatt	cgaattccga	tgctgtcggt	ggctctgtat	ggccagtaac	tgggactcga	60
gctttcagat	tctcaactag	ccttggcaaa	acagctgtag	gtggcctccc	tgacaacaga	120
cactcagacc	tccccaccct	ggctctcctt	gcatttcccc	atgtcccca	ccccctggca	180
aaaggctggc	catgctctgt	tcccagcagc	cgcgcagggt	tccccactgg	ctgcaatggc	240
cctacaaaaa	gccatgttgc	atatccgttg	taagcacgtg	ccctgtgccc	tgtccccatt	300
ccttatgccc	tatgaggcca	agctggtgtc	tctaggaggg	cccacacagg	cacctggat	360
ccccagaga	gtaaattggg	gtgctcaggc	cgcaggctga	ctcataggta	gggcagtggg	420
ctctgcagg						429

<210> 745  
 <211> 423  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(423)  
 <223> n = A,T,C or G

<400> 745						
cggtgtgtgc	gggctgcggc	cggtttggcc	cttctttgta	ggagagtttc	atccgccttg	60
aaatcttgcc	gatcgттаат	aactcctcag	gtccctgcct	gcacagggat	ttttcttatt	120
ttgttgcta	aaagcacacc	aatgtgaca	tcctttcacc	aatatagatt	acttcatacc	180
acattgtcaa	ggaaaggact	ataagaattt	tttgatgacc	caaaaaactg	ggggcaagaa	240
aaagtaaaat	ctggagcagc	atggacctgt	cagcaactaa	ggaacaaaag	taatgaagat	300
ttacacaaac	tttggtatgt	cttactgaaa	gaaagaaaca	tgcttctaac	cctagagcag	360
gaggccaagc	ggcagagatt	gccaatgcca	agtccagagc	ggttagataa	ggtagtagat	420
tcn						423

<210> 746  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<400> 746						
aaataaaaata	aaataaaaata	aaataaaaata	aagataaatc	aggcagttca	gtaactgaat	60
tctccccatc	acaaaaagat	ttttcatatt	acaagtattc	atcaactaca	attgaactgt	120
aggaaaaacac	tttaggtagt	gttttcccct	gggttatacc	tctttttcta	ggttaacttt	180
tactggtcct	aagcatttgg	cacttcaaaa	ataccatttt	atggtgttgg	gaaaactggc	240
ttaccgcatg	ca					252

<210> 747  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 747  
 cttgtgtggt gcaactgtgct cctgtcttta gggacccgtg aagacaaact tcttccttca 60  
 tgatagtcac ttccatgcgt ctgtgtccat actatctctg gttaaaacaa atcccaggta 120  
 cattttaaaa cacggatggg ggtagatctt gcatggaatg gtgatctagt cacatatatt 180  
 ttatatactc tggaaatgat gcaaaaattg gctacaagaa agcttatatc tctccttgta 240  
 atcttctata acaattttta actaactttt tctacatata gcatgttggt tcctagatga 300  
 ggcgatgaaa ttctttatgc agcaagagtt ttccagtata tttcaaaata ccttattgtg 360  
 aatgtttttg aaatgtgtaa ttactatctg a 391

<210> 748

<211> 391

<212> DNA

<213> Homo sapiens

<400> 748  
 ctcaacacac ccagggttttt ttgttctctc tttctctctg gcctcaatto catgccttac 60  
 tacttgattg ttgtatgcta ggattgaggg aatatgcctg caaatactag acaaagcact 120  
 tgagggaggc cttctccac agtactggg gctgtgtaat agatgttctc aattaccaag 180  
 tgcttaaac gagccctatg tacttaggca gctgttttag agttcttacc cacttgccaa 240  
 tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacaaaa 300  
 ttatggatat gccactgaaa atgtatggta gagtaggccg ggcacagagg ctcatgcctg 360  
 taatcccagc acttttggag gctgagggcg g 391

<210> 749

<211> 258

<212> DNA

<213> Homo sapiens

<400> 749  
 ttagatgatg gatatactaga ggtgtattat atcattggct ctattttgta tgtttgaagt 60  
 ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccc aatgaaaat 120  
 ggataatcaa aggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180  
 gcttagcttt actactaatt cttcaatggt agttttacaa acaaagatga tacctcttgc 240  
 tgggcactgt ggctcact 258

<210> 750

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 750  
 taataactat aatttattca gtaccttttt acataatgga ccttattctt aatgctttat 60  
 gtacattaac ccatctgacc ctcatgacga attacctata gcttattatg cccatttttc 120  
 agataaaaat gaggttcatg aacatatata ttttgacac atgtattttt aataatttca 180  
 ggccaggcgt gatggctcat gcctgtaatc ccaacacttt gggaggccga ggcagatgga 240  
 tcatctgagg tcaggagttc gagactagcc tggccagcat ggcgaaacct tgtctactaa 300  
 aaatacaaaa aaaaaattaa ccgggcatgg tgggtgggcg ctgtaatccc acctattcgg 360  
 gagggctgagg cgggagaatc gcttataccn 390

<210> 751

<211> 386

<212> DNA  
<213> Homo sapiens

<400> 751  
aataaataac ttatgtatcg tcggagggttt ttactgcgga gagagctgta cgtaattggt 60  
gcaccacaca gatgctccct ccaggactga aggacttacc cctccagctg ctgggattat 120  
agttggctga cactctccag cagctggcag tttccaggaa ctgcctgtgg ctgaagagaa 180  
ccaccttact cagagttcta ccctcctcct aggggcagct gcatccaatg actggcctat 240  
gtggaggat aaatccatct tgccaatatt catacttatt tacataattt acgatattca 300  
tacttaaaga ttctgtgccc ttacccaact caggataggc taaaagaact agcccagctt 360  
ggccgggtgc actggctcac gcctgt 386

<210> 752  
<211> 414  
<212> DNA  
<213> Homo sapiens

<400> 752  
ggcgttggtg tcgaaaccgt tgagtttcta aatattttatt tattctaaca aaaagcaatg 60  
agtacggggg gatgacacat ttaatgaaca caattttatt ttttttctgt aactgtgctt 120  
gttgaatgac aatcatattt aaaggggaatg actttgaagt aaaacctttt ttcttgctac 180  
tgaaaaaaat ggagttggtt tgggtggtaa agtggttaagg aatagggaca gctggtcaca 240  
caaggaaactc ttgaaggcca catgtgaaaa cctgtcactt gcacagaggc cagtcccact 300  
aaggtgacca gagtgggctc caagcacaaa ctgccattgg ctatagatgg gactgtgtcc 360  
ccccaaaatt catgtgttgg agccttaacc ctcaatgtga tggattttga gatg 414

<210> 753  
<211> 416  
<212> DNA  
<213> Homo sapiens

<400> 753  
cgctgctgtc gacttcgtga aaattattta ggaggaagag ccggaaggaa aaccaagtga 60  
tgcataaagt tcggagaggt cagatgatga aaaagcctgg gttgaagagg tcaggaagca 120  
acgcagactc ctccagcagg aggaaaaagt gaagcggcag gaacgactca aggaggacca 180  
gcagacagtc cttaaagcccc agttttatga gatcaaaagca ggagaagaat ttagaagctt 240  
caaagattct gccacaaaagc aaaaactgag gaacaaaacc cttgaagatc gtttgaaaat 300  
tgaagcaaaa aatgggacat tgagtgtatt cgacaccaac gttgggagca aacaattgac 360  
cttcacgtta aagaggtctg aaccgcacaa taaagcatca gggaggctgg gaaact 416

<210> 754  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 754  
tgcaatgttt ttaggggcca gaattatttc acacacataa gtatgatttt ccccaaccag 60  
accacaagct cttcaagggt aacaacaccc tcgccccacc ccctccccct caaacaattc 120  
ttctgctctc cttaggcaga ctttgatcta aattggatct aaattgactc gaaatgtcag 180  
gaaaaagaga ttaatgcaca aggtcccttt ctctgagaga aggtgtgata gaggagagct 240  
taagcctggg tgggaaatga aactgcccac cactctctcc accccgcctt ggtcttccga 300  
gggtgacagg tgggacgctg aagagagctg ccctcctggt cccggcctcc atgtgaacag 360  
cctcctccca aatcttcctt tggatctg 388

<210> 755  
<211> 415  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 755

cggttgctgctc	gctccatttt	cgtctagcag	tggaagaaga	ctgaatatct	cgtataaccag	60
aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggtta	atctttacag	180
cgagggagac	tgcacttacc	tgaaatgttc	tgttaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcccc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gccccttagc	360
tcctatgact	ggaaccattg	aaaaggtggt	tgtcanagct	ggagacaaag	tgaaa	415

<210> 756

<211> 414

<212> DNA

<213> Homo sapiens

<400> 756

cccggaaacct	gggtctgagc	cctgctcagg	tttgtcccag	ccggctcagc	gcagctggct	60
gtgtgttgct	gctcctacag	ctcaatgcac	tggaccttct	cgtccagcct	ggatgcctct	120
atcattttctc	tttgtctttc	tctggcctcc	atacgtttct	gaagagctca	ccttccctca	180
ggttcctcct	gccctgctct	tcccaagtga	cccagccctc	acctgtaggg	cagccaaggc	240
tgggtggtgca	gctgccccca	gtgaagggtca	ttgggcatcg	cactgggcag	tgagagggtc	300
caggctgagg	agttgagtgg	cgcgcccctc	ctggcgctcg	tgagagaaac	gggagggggg	360
cccctggctt	ggatcctaga	atcgggggaag	tctgagggcc	cccctgcagt	ctca	414

<210> 757

<211> 415

<212> DNA

<213> Homo sapiens

<400> 757

ggcacgagca	gccccaggcc	cccgtgctct	ctgccaggag	gtgccttgcc	acttggcatg	60
gccccagtca	cgggtggcac	atctgggggtg	aatgcacgtc	agtggaggga	gaatcattct	120
gtctgaatga	atggagtttc	caggccccca	ctggccctct	gtgtgagggt	ctgcagggtt	180
tggcaggaca	ggtctttctc	tccggcgaga	gcacccaccc	tgaccggctg	ctggatgagg	240
gcaccaaagc	tgcctaggga	gggctctgtc	cttatggagg	agctgaggaa	tccctgcagc	300
tgtgccccca	ggcctgctt	tgacacactt	ctgcagccag	ggcgcccctg	gggaggtcag	360
ggcaggcccg	ggaggctgag	ggccacctgg	catagtgggc	aggcggggga	gccgt	415

<210> 758

<211> 413

<212> DNA

<213> Homo sapiens

<400> 758

cgattcgaat	tccgttgctg	tgcgccacac	agggcacata	ttccacgcac	cccacacggg	60
gcaggcagct	cacacagggc	acagaccccc	cgcacccccac	acaggggcaca	gacccccacg	120
acccccacaca	gggcacagac	cccacacacc	ccacacaggg	caggcacctc	acacagggga	180
cagaccccat	gcacccaca	cagggcaggc	acccccacaca	gggcacagac	cccacacacc	240
ccacacaggg	caggcacccc	acacagggga	cagacccccac	gcacccccaca	cagggcaggg	300
atcccacgca	gggcacagat	cccacgcagg	gcagggccag	cccaaggcca	agcccccttc	360
ctgtagatct	tctcccaggc	aggaccagag	ccacagtcac	tttcacacta	tct	413

<210> 759  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 759  
 cggttgctgtc gggtttcccg aggaatgac aattacctga cgatcacagg gccttcgcag 60  
 cccttcctgt caggggcccga gacattccat acaccaagct tgggtgatga ggaatttgaa 120  
 atcccaccta tctccttgga ttctgatccc tcattggctg tctcagatgt ggttggccac 180  
 tttgatgacc tggcagaccc ttctcttca caggatggca gtttttcagc ccagtatggg 240  
 gtccagacat tggacatgcc tgtgggcatg acccatggct tgatggagca gggcgccggg 300  
 ctctgagtg ggggcttgac catggacttg gaccactcta taggaactca gtatagtgcc 360  
 aaccacactg ttacaattga tgtaccaatg acagacatga catctggctt gatggggc 418

<210> 760  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(405)  
 <223> n = A,T,C or G

<400> 760  
 cggttgctgtc ggatcatttg aagcaaacct cagaaatcac tttatttcta aatatttaag 60  
 tatgcatctc taacttatta aaattttttt gggtttgttt tttgtttttc tgagacggaa 120  
 ttttgcctctt gttgcccagg ctggagtga atggcgcaat cttggctcgc tgcaacctct 180  
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa aacaaaaaaa atcanctggg 240  
 tgtggtggcg ggggcctgta gtctcaacta ctcgggagggt tgaggcagga gaattgcttg 300  
 aacctgggag gtggagattg cagtgaagctg aaatcacgcc actgcactcg agcctgggca 360  
 actgagcgag actctgtctc aaaaaaaaaa ggccaggctt gggggg 405

<210> 761  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 761  
 tttggtattg ccgttattat tgttggttaa ctgactaaaa tcatacatgg aataatagaa 60  
 atcaggccta acatcagata gacttttcca ttcagttaag ttattgtgta gcaaaattta 120  
 ttttgtcagt tcaactacaca atgtgacagt atatagtttc tctaatagag taacattaaa 180  
 gaggacatat aatataacca aaaatttgag ttccagataa gtttgggtgtc tcaactagcaa 240  
 gatgacgtta aataactcat ttaatttttt tgaaatctta attttctgtt ctgtaaaaaa 300  
 aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaatt ttttattatg 360  
 tcatatacat gtgcatac 378

<210> 762  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 762  
 cgggaggctg aggcaggaga atcgcttgaa cctgggaggc agagggttga gtgagccgag 60  
 attgcacat tgtgctccag cctgggagac aagagcaaaa ctcatctca tagaagaaaa 120  
 aacaaaaact ccagtttagc aaaaaaaaaa aaaaaagctc ccccgcccg gggggagggg 180

tttatggcta	aaatcccaaa	cctttgaaag	gttgggggaa	aaagatacct	ggaccccccg	240
ggtgggaaac	cgccgggcta	taatagggga	taccggtttt	tttaaaaagt	taagaataag	300
gggggggggg	gggggggatac	cccttagaac	ccgagatttt	ggaaggcccg	ggg	353

<210> 763  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 763						
cgttgctgcc	gaatcgtgat	aaagacaaag	aactttttaa	attaactcac	tacctcaagg	60
agatagcaaa	attagatgac	tttttggatc	taaatcacaa	atattgggaa	agatatctct	120
caaagaagca	aggacagtag	ttacaagtta	tactggcagt	tattgaagat	acttaagatc	180
caagaacttc	ttgcttttat	gctagaaatc	attatgatag	tgctggacac	tgaagcaaat	240
accatactgc	ttatacttgg	tcttcaggtt	ttttgtaaat	ttaattttat	atTTTTtgaa	300
gatgatagca	atatgctaaa	aaatgcttgt	ccccatatg	aatattctgt	tacgcttgaa	360
aaatattttc	tccagcgttg	gttactgacc	acccccacct	cccac		405

<210> 764  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 764						
ggcacgagag	agtccgtagg	tttatcatat	tatcaaggaa	aactgtgacc	caaagaagtt	60
taggaatcac	atacagtgtc	gctggccttt	tgtgcttggc	aatgagtga	caatagaaga	120
aataattttt	cttacacatt	ttaaaacgat	ttctcttctt	tgtgattgaa	gatgaaagga	180
gtaagaaatt	aaggcatttg	tttaatttat	actggcaact	tatttagggg	ggagggggaca	240
tgaaggtagg	taaataggta	ggcctctaata	tgaaccacct	ctctaagata	tgtacgtata	300
tataagctga	tattgtgttt	gacattctga	agggtttctt	tttctttttt	cttttttttt	360
tttttggggg	ggggccgggg	gctaaaaaact	tttttttttg	acccccggc		409

<210> 765  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 765						
atcattcttt	gaaaactgac	aggaaagata	caacttagaa	aacattgtgg	atgaatactt	60
cccccttttg	caaatgatat	tttgggaagca	caaaagaaaa	agctctaata	caaatattca	120
taatgaaaaat	atgaacttaa	taataccaat	ggcaagacag	aataattagg	agaaatcggg	180
taacgagcat	ctctcctatt	tttagtttgt	aagccttttt	tgcttttttt	tttttttttt	240
ttgaaaaaaa	agttttattt	tttgccccag	aaggccaggg	aattaatttg	gcttaatggg	300
agcctcacc	tccgggggta	aaacattttt	ctggctaaaa	cttccaagat	atttggaat	360
aggggggcctc	cccccccccc	g				381

<210> 766  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 766						
cgttgctgtc	ggccccggca	gccgatgagt	gtgactaccg	ggatgaacag	acatgcgccc	60
accagatgat	tgtttaaccg	ggagtttatc	aatactgtgg	aaagagaacg	ccttggagag	120
ctgctgacag	ctatattaat	tgaatgaggc	tgggaaggatc	acgtgaaggc	actctgtaaa	180
gataatgatt	ataaatgata	tgattcggtt	tttgcttttg	cataagaggc	tgtagagag	240
ataggactat	aacacgttac	tgttgttgac	ttggtggctg	aatcactcc	aaaaggcaga	300



gccttggttac ctgacagtgt aaagaaggag ctccataaaa gaatatgaac attccttgct 360  
cagcatgccca gcctttaaga ttgaattaga ttgggttggt gtggg 405

<210> 767  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 767  
gcattttgat gtgtagaatc aggggatcca ggatcatcac caaggtcatt ttcccagaca 60  
gatgtgctga ggctgtagaa agtgcttttt atttggttgagg gagcttggtc ataaatgcga 120  
gaggggctgc acatctgacg gactagaggt gactcatggc tgaaccggaa caggacatcg 180  
gggagaagcc agcagagctt gtgtttaaag tcagaattca gaacccaaa gaaaatgact 240  
tcattgaaat tgaactgaag agacaagaac tgagttacca aaacctacta aacgtgagtt 300  
gctgtgaact ggggattaaa ccagaacgag tggagaagat cagaaagcta ccaaacacac 360  
tgctcagaaa ggacaaagac a 381

<210> 768  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 768  
cggttgctgtc ggatggctcc ccctatgaaa gttgtccagt gagcagggtc aagggttatg 60  
tttggggtag ggacatgagt gcaggagcct tactctcctg tgtgttgta gggatggata 120  
aaggggatga agttggaggg gtttagtgaa tggttgggac agcaaatttc agagaagagc 180  
atttggaat aattttctca aatatatatt tttaaaatcc atatttgatt tttttccctc 240  
agggattccc aagcatagta gagctaaaat gaattaattt gggtaaaagt aaagttaagg 300  
ctaagttagg aaacactttt aaaaacagga acctgctgcg tgcgggtggc cctgccttgt 360  
ggtcccagca ctttgggagg caaaggcggg tggatcacct gagatg 406

<210> 769  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 769  
agggtactgt ttcttccttt ccaaaggcca caggagagacc ttgtaatctg ctttccagag 60  
cctttgggaa agtgggtcaac accctgcctt cttaggaaga gccagagaa acagagggct 120  
atcccggggg ttttgtttat ctgcccttgt ggagttggca gacgtgggct tctgtcttcc 180  
ctgctatggc ctcagagctt tagatcctgc tggtttaggg aatttgaatc tttcctgtta 240  
gggaaaaatg agtgcttact gtgctttgta gaaatatttt cagaattcat tttctttaaa 300  
ttattttcat tgtctttaaa ttatatctaa acaagtatac catagctttc ctgagagggga 360  
aaacaatcta tccaacacat tgtgcact 388

<210> 770  
<211> 382  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(382)  
<223> n = A,T,C or G

<400> 770  
cctactaggt caagtgagta ccaaggacag cgtggcagggt gaccatacag acgcctgaat 60

aacaggagggc	atgctgcatt	gaggcctacc	tttggaaaaa	gataccacga	tgctttaaca	120
accgtgggta	atagtgttca	tgcctttgtt	aattgtactc	atgaagtagt	aataaagggt	180
aatattctcc	attggcatta	tcaaataatta	aagtactggc	caggcgtggg	agctcatgcc	240
tgtattgcca	gcaatttggg	aggctgaggg	agggtgatca	ctagagggta	ggagttcgag	300
accagcctgg	ccaacatggg	gaaaccccg	ctccattaaa	aatacaaaaa	aattaccgag	360
atgtggccag	gcacgggtggc	tn				382

<210> 771  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<400> 771						
cggttgctgtc	gggctgggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc	60
cacagtgtctg	ggattacagg	gatgagccac	cacgcccggc	ccattttttt	ttttgacaac	120
tttttttttt	ggaaaagggg	tttgggtccct	tggccaaaat	gggagggcgg	ggggtaaata	180
aaacttaatg	gggcccagaa	ttctttttggc	ctaaccccc	aaggagtgtg	aaacaacggg	240
gggacccctt	aggccggggc	agtttttcat	tttttggaaa	aaaaaggggt	tttttttttt	300
taaaaaggag	tttccttttg	gcccccaaag	gggagggggg	agaccggggc	caacctaata	360
gggagccccc	cccccaaggg	ataccaccata	tttgggcgca	aaaattaggg	g	411

<210> 772  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<400> 772						
cggttgctgtc	gcacagccca	gccccctcca	gagccttgcc	ccaccgcacc	ctgcttctcc	60
agggcctagc	agaccagcat	ctgccccggg	gaagggatgg	atcagctgtg	gggggtgggtg	120
cagaagggttg	ccacctccta	cctcagcggg	agtcacctag	gaaagatgga	gggattgaca	180
ctattttctc	aataaaaatg	gacttttttt	tttttggggg	gaaacttcct	gttcccaatt	240
gcataaaaaa	cccttttttg	gccccagggt	cccaaaaatt	tttaaaaacc	ccatttggtc	300
cttttttttg	gttggggggg	gccccagggc	ttctggaagg	gatttaaacc	gggctgacgg	360
cttgaattaa	agggggggatg	ggaatcccg	aacaaaaaaa	ccgggaaccg		410

<210> 773  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 773						
ccgccctgcg	ccgggtcccg	gcctttccct	gccctctggc	cggtcctcct	cccgcggccg	60
tcccgggacc	tgtgccca	ccctggggc	cacgatcacg	ccccagccgc	ccaagtcacc	120
gccccctccc	tcccttcag	cgttcccgc	cgggcgggtg	atgggtggctc	cggtgtatgg	180
cggttctcgc	acgcacagcc	gcaggggttt	cctctcctag	actcgaggcg	gaggcgcacc	240
tgcaccctct	aaaactcccc	cgtcggccct	cgcggactat	cgggaggcgc	ggagggccga	300
gctgacgtgc	gtgcgagcgg	gcgccatgaa	agcgcggagc	cgtcctaggg	ctaagccttt	360
ctttaacagg	gggaggccca	cga				383

<210> 774  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(410)

<223> n = A,T,C or G

<400> 774

cgttgctgtc	gcaggaagtc	attagcagag	tgatttccag	aaggcgtaga	atttagtgac	60
caaggttctt	tcttttttgg	gaggagaaag	tgaaaactag	gatgctcagc	tggacccacc	120
agcctgagat	tctggggatt	ttagagctgt	cccttgggga	gccaagcact	tgggggtgga	180
ggtgatagcg	aggctgatgg	cccctgtgtt	ctcagctctc	tgctgggta	gcccctgggt	240
gatgggggag	aggccagctg	tcacgtgggg	tatcaggtgg	ctctgccaga	aactcccttg	300
gcacacagag	cactgggtcg	gccctcgggt	gtggctgttt	gggcaggaca	gccctctgta	360
tgtagccttg	agcaggttaag	ggggccacct	tgagtgggtg	gnccagaaan		410

<210> 775

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 775

cccatcgatt	cgaattccgt	tgctgtcggg	gggatcttgc	aaaatgccga	tttctggcaa	60
ggcatcaggt	gatggtgaag	aaagttttga	gtaccaagag	gtagagtagt	ggttcttaga	120
ctttaaaagc	tggacacccc	caccagtgtc	tttgattcac	ctcactgggt	ggggcctgca	180
gatttcattt	taaacagggt	cctaggtgat	gctaattgcac	atgaagggca	gggtgtgttc	240
tgagagccac	tgtggtggag	tagaaacaac	cgaggagaat	caagcccatc	catctcatcc	300
tggcttcttg	agcattattt	cctttttctt	tgnttttgat	ttgagacagg	ggttcactct	360
gtcactcagg	ctagagtga	atggcatgat	cctgggtcac	tgcagtctn		409

<210> 776

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 776

ggcacgaggt	tgactgcaga	gtgaaacatc	cttgcaatct	cttcccacct	ccttcacgac	60
actgagttgc	catgtgaggt	tcttcaagtc	tgagagtggg	agggatccct	atggagactc	120
ctattaaacc	cctattagag	gaagagattg	agagacctag	caatgtgaag	taacaaagat	180
caggcagctg	caagtgactc	ctgaatcttg	agtccagggc	tttcgccact	acagtacagt	240
ggttttcttt	tctttggtcg	gggagagtgg	gctggaatgg	agagtgaggc	ccacaaatta	300
cctgcagaga	cgtggaggcg	tgaggagaaa	catgcttggt	aaatatgcag	gtagattagg	360
agacacaaaa	cagagattca	gacacagtaa	ggctgggatg	agatcctn		408

<210> 777

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 777

cggttgcgtgc	ggaacagcac	tgctgggctg	gagacggcgg	gagccgctgc	tctccggctg	60
aggggaatcag	agacagctcc	gtccctagtg	gagcgagggg	gaggcagaag	tcatgacagg	120
cgaggtgggt	tctgaggttc	acctagaaat	caatgaccca	aacgtcattt	cacaagagga	180
agcagatagt	ccttcagata	gtggacaggg	cagctatgaa	acaattggac	ccttgagtga	240
aggagattca	gatgaagaga	tatttgtaag	taagaagttg	aaaaacagga	aggttctaca	300
agacagtgat	tccgaaacag	aggacacaaa	tgccctctcca	gagaaaacta	cctatgacag	360
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<210> 778

<211> 405

<212> DNA

<213> Homo sapiens

<400> 778

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cagccaccgg	atctgctccc	gggtgcacct	agctcagccc	ttttccctgc	aggaatacat	180
cgtcagtgcc	agaagctgct	ggggcggcag	acagaccctg	gagcagctac	tgacagcccat	240
cggtgctggc	caatgtactg	ctgtcccaga	cactgagaag	gagcaggagt	ggaccccccat	300
aactgggcct	ctcctggccc	tcaagggaaga	ggaccagctc	ctggtcagga	gactgagctg	360
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<210> 779

<211> 406

<212> DNA

<213> Homo sapiens

<400> 779

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gccccatcac	tggtctctac	aacaagagtc	cctactactg	cgggacttgt	ggccgctggg	120
tccgcgccc	ggcgggcttg	cgactgcac	agcgggtcca	tgcccagagc	cggactttga	180
cgctacagcc	tcccagatca	ccatctcctg	ccccaccccc	acctccagag	cctcaacaga	240
ctatcatgtg	cacagagctg	ggggagacca	tcgccatcat	tgagacatcc	cagccactgg	300
cgcttgagga	caccctgcag	ctgtgccagg	ctgcacttgg	ggccagtgaa	gcaggcgggc	360
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<210> 780

<211> 411

<212> DNA

<213> Homo sapiens

<400> 780

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ctgcctgacc	tcggactgcg	gctgggggtg	catgttactc	agcggccaga	tgatgctggc	180
acagggcctt	ctgctgcatt	tccctgccat	agactggaca	tggtccgagg	gcatggctct	240
gggccccctt	gagctgtcag	ggtcagcctc	tcccagccgt	gaccatgggc	ctgcccgtg	300
gatgccccca	cgctggggcc	aggggtgcccc	tgagctggag	cacgaacgcc	ggcaccggca	360
gattgtgtcc	tggatcgggc	accacacacg	ggccaccttt	ggcctactcc	c	411

<210> 781

<211> 407

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

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 cctacaaaat cagttcagca gatttggaga agtttcggat gtggagatca tcacacggaa 180  
 agatgaccaa ggaaaccac agaaagtttt tgcataatc aacatcagtg tagcagaagc 240  
 ggacctgaaa aaatgtatgt ctgttttaaa taaaacaaaa tggaaagggtg gaacattaca 300  
 aattcaacta gcaaaagaaa gctttctgca cagattggcc caagagagag aagcagcaaa 360  
 agctaagaaa gaagaatcaa caacaggtaa cgccacactc gttagan 407

<210> 782  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 782  
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 aacaagaaaa acagctggaa ttagaaatta agaaaatggc caagattggg aataaggaag 180  
 cttgcaaagt tttagccaaa caacttgtgc atctacggaa acagaagacg agaacttttg 240  
 ctgtaagtgc aaaagtact tctatgtcta cacaacaaa agtgatgaat tcccaaatga 300  
 agatggctgg agcaatgtct accacagcaa aaacaatgca ggcagttaac aagaagatgg 360  
 atccacaaaa gacattacaa acaatgcaga atttccagaa ggaaa 405

<210> 783  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 783  
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 ccactgaaac acacccaagt atatgccag ccttcatgaa agtgaacaga gaaacgaagc 120  
 gcctttatgt ggggtggcctt agccaggaca tttctgaggc agacctaca aatcagttca 180  
 gcagatttgg agaagtctcg gatgtggaga tcatcacacg gaaagatgac caaggaaacc 240  
 cacagaaaagt ttttgcata atcaacatca gtgtagcaga agcggacctg aaaaaatgta 300  
 tgtctgtttt aaataaaaaca aaatggaaaag gtggaacatt acaaattcaa ctagcaaaaag 360  
 aaagctttct gcacagattg gcccaagaga gagaagcagc aaaagg 406

<210> 784  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 784  
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 gtttggaaga tgctgcagat gtttatagag gattgcaaga gagaaatcct gaaaactggg 120  
 cctattacaa aggcttggaa aaagcactca agccagctaa tatgttagaa cggctaaaaa 180  
 tttatgagga agcctggact aaatatccca ggggactggt gccaaagaagg ctgccgttaa 240  
 actttttatc tgggtgagaag tttaaagaat gtttgataa gttcctaagg atgaatttca 300  
 gcaagggttg cccaccagtc ttcaatactt taagatcatt atacaaagac aaagaaaagg 360  
 tggcaatcat agaagagtta gtagtaggtt atgaaacctc tctaaaag 408



<400> 788  
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ctaaacctgc gtgtatttga ggatgagagt ggggaagcact ggtcgaagag tgtgatggac 180  
aaacagtacg agattctgtg tgtcagccag tttaccctcc agtgtgtcct gaagggaaac 240  
aagcctgatt tccacctagc aatgcccacg gagcaggcag agggcttcta caacagcttc 300  
ctggagcagc tgcgtaaaac atacaggccg gagcttatca aagatggcaa gtttggggcc 360  
tacatgcagg tgcacattca gaatgatggg cctgtgacca tagagctgga 410

<210> 789  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 789  
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tccagaagag aactagcagc tcctgggtga actggatctt cttgggtggag ttaggcaggt 120  
aggctctggag acgggggttg gacagcagcc gggctatacc cttgaggatg aactgggaag 180  
cctcctcacg atggatgcgg gacaggtagt tcacaaacag gttctcaggg cctggaggat 240  
cagcatcatc catggcgggtg ccagtgggtg tgccgtccac agtggggctg gcaactgctg 300  
cactgtcgtg gtccaaagtg acaatgagca cctgggcagc ctctccacc aggggttccc 360  
ggtagtcaga gaagagcagg tggttgtagg ggatcccgtg gcccat 406

<210> 790  
<211> 409  
<212> DNA  
<213> Homo sapiens

<400> 790  
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cgggaacgca cgaaggccga gacatcgcc agcctgctga gcttgccat caccacggag 180  
cacacgctcc acgccacgct ggggggtcgcc gagttctttg agtttgtgct taagaacccc 240  
cacaacacac agcacacggt gactgtggag atcgacaacc ccgagctcag cgtcatcgtg 300  
gacagtcagg agtggaggga cttcaagggt gctgctggcc tgcacacacc ggtggaggag 360  
gacatgttcc acctgcgtgg cagcctggcc cccagctct acctgcgcc 409

<210> 791  
<211> 412  
<212> DNA  
<213> Homo sapiens

<400> 791  
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tgccatctgg ctgccgtcag gttggctcga ggccgggaag agtgggagag tgccgccttg 180  
cacaatgcc aacccaagtg caacgggctc ctccgggtct ggggacctca tgtccctgaa 240  
tcagcttttg ccaattgctt ggcaagacac aacacttacc tccaggaatg tacaggccaa 300  
cgggagccca cgtatcagct caacatccat gacatcaaac tgctcttctt gcgcttcgcc 360  
atggagcagt cgctcatcgc atacactggc ggtggcggcc gggagagcaa ca 412

<210> 792  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 792

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atggtgcaga	tctgcgaggc	acacatgacc	cgcagtgccc	ccaggtgacg	cctcattagg	120
aagtgggaga	tacatacagg	ttagcaaacc	tcggcctgca	ggcatgtccc	ttttccgtgt	180
gtcctgtgag	tgaagaatgg	ttttacatta	ttttttatct	tagttttttg	agacaaggtc	240
tcactccatc	gcccaggctg	gggtgcagtg	gcatgatctc	ggctcactag	agtctctgcc	300
tcctgggtccc	aagtgatcct	cccgccttag	cctccctagt	agctggcact	acaggtgcgt	360
gccaccatg						369

<210> 793

<211> 404

<212> DNA

<213> Homo sapiens

<400> 793

cgttgctgtc	ggtgcagtg	cggtatctcg	gctcactgca	agctctgcct	ccccctgggt	60
tcacgccatt	ctcctgcctc	agcctcccaa	gtagctggga	ctacaggcgc	ccgccactac	120
gcccggctaa	ttttttgtat	tttttagtaga	gacgggggtt	caccgtttta	gccgggatgg	180
tctcgatctc	ctgacctcgt	gatccgccc	cctcggcctc	ccaaagtgc	gggattacag	240
gcgtattcat	gaacttttac	atgaatgagt	aaggacattg	aaagatgcat	gagatgatgc	300
atacatcttt	gtggttgact	tatcattgca	tgatgcatga	cgtacatgtt	cagagtaata	360
ttcttttgc	ttatagttag	agaaaaatct	tggatttttag	taat		404

<210> 794

<211> 401

<212> DNA

<213> Homo sapiens

<400> 794

tcgaattccg	ttgctgtcga	gcacacttgc	acctatttga	cttaggtcct	ttcacaaaac	60
tggtcctgtg	aaagcatttc	ctgcttttct	tcagacgggt	tctctagagg	actttctaaa	120
gaaaattcag	cgagtggatt	ttgatataat	ccacccatct	ttacagcaga	agaatacatt	180
acttccatta	tatttgata	ttcagtcatt	gagaaaaaca	tattaaaata	atttcatggc	240
cctgatgtta	attctagtct	attagtttta	taaaagctag	gattcttatt	taggaacacc	300
agaaatgact	ggtacgaaaa	aatgaattta	ttgatgggaa	ggcacgagct	cacaaattga	360
taacttgccg	ggactaggtg	ccaaacgggt	aaatctggcc	a		401

<210> 795

<211> 402

<212> DNA

<213> Homo sapiens

<400> 795

cgttgctgtc	gcagaagatc	atgtgagccc	aggagttaca	gactgcagtg	agctatgatt	60
gcactgatgc	actccagcat	gggcaagagc	aagaccttgt	ttctaaaaaa	taggtagtgg	120
tatattcata	ttctggaata	gtgtaaaaaa	tgaaaaactg	aagataaata	tatgaagaca	180
agtcctcaaa	atacttctga	atgaaaaaaa	ttgcaaacat	gaatctcaaa	aacatgctga	240
gtgggcccgg	catggttagct	catgccggta	atcccagcac	ttagggaggc	cgagttgggc	300
agataacact	tgaggtcagg	agttcgagac	cagaccagcc	aacatgggtga	aacccaatct	360
ctactaaaaa	tacaagaaaa	aaatcctaac	tactcgggac	gg		402

<210> 796

<211> 372

<212> DNA

<213> Homo sapiens

<400> 796

ttcaccatgt	tgaccaggct	ggctctcaaac	tcctgacctc	aggtgatcca	cccttctcgg	60
------------	------------	-------------	------------	------------	------------	----



ccttccagag	tgctgggatt	acaggagtga	gccaatatgc	ccatcttgtc	ttttctttat	120
aaaccaccca	gcctcaggta	tttctttata	gcaacgcaag	aacagactaa	cacacttccc	180
ttccaggatc	tttcagagca	cgtcaagccc	ctgttataga	ttcttgagct	cccacatttc	240
tccttcaaag	taattattcc	aatcacacta	aataaataat	aactgtgaat	tatttgcttg	300
aagtctgttt	ccgatggact	aggatgtgag	ctccatgaag	accagatcag	agggccaggc	360
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<210> 797

<211> 372

<212> DNA

<213> Homo sapiens

<400> 797

ccccacaga	ggctggagag	ggcagacggg	cctagatgag	cctagacgct	gggtcccacc	60
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atgctcctta	caaggcgaag	ctgtgtgaac	cgtgagcggt	agctctgggc	caggctccat	180
ggcccttcta	aggaaaaggc	cccttaggac	acctctgggc	tgtgaggctt	ccccggcttc	240
ccctctgggc	ttggaggaag	tagggtaggt	cctcagccac	tctgctgagg	ggcaaaggaa	300
ccagggatg	aacaggaaaa	cagaggccca	aagagtggct	gcagattcag	gtgattcctg	360
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<210> 798

<211> 350

<212> DNA

<213> Homo sapiens

<400> 798

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ttcaccatgt	tggccaggct	ggtcttgaac	tctgacctc	aggtgatctg	cccgccctcg	120
cctcccaaag	tgctggggtt	acagggtgta	gccacccgtg	cccgccctct	tttttttttc	180
gtacaatggc	ccattctgtt	gccccggacg	acattcgatg	ccccgtttta	cagttctttg	240
cctccacttt	ctgctagtgt	tttgtttttg	tcagcctccc	ccctgcccga	gagaatataa	300
tatagtttgt	tccgcacccg	cgaaaccata	actccctttt	atttggttgc		350

<210> 799

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 799

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cgatagctga	tgagctaaaa	aaaaaaaaaa	gccggggaat	aattttgggg	atatctgccc	120
ccacaaataa	acaaaaaagc	ccttgctttc	aaagggtgga	aaattgctgc	tttgagggtc	180
gggaacctgg	ggggaacctt	ctactccctg	ggccttagtc	tcccaaattc	accatgcttt	240
tgcccccttg	agggggtctt	cactttgtct	ctggcatcta	acatggggcc	tggggcatag	300
ggagcatgca	ataaatattt	ggcaggggag	gggatggata	aatggatagg	ggaatgtagg	360
gggacagggg	actgggggga	tggtgnggcc	tctgaaaaac	cc		402

<210> 800

<211> 236

<212> DNA

<213> Homo sapiens

<400> 800  
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 aaaaaacctt ttgggggttg ggcgaccccc cctctttagg ggcggggaaa aaagggtttt 120  
 tttttgtgaa ttttgagcct cttcttcttt tttgtgcccc cttacgtggt ggcgataagg 180  
 atctgtgtct ccaccggggt gtgcttcttt tattgcgttg ctctttgcgt gtgcct 236

<210> 801  
 <211> 131  
 <212> DNA  
 <213> Homo sapiens

<400> 801  
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 accgtactt t 131

<210> 802  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 802  
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 attacaggca atattccttc atctggatgt tctgtgaaga tagccatgtt tatgggggtc 180  
 ttagttttca aactctggca actctgtgaa aaataggagc aaactagaga gccctggaga 240  
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 aggaatcagc tgtcatcatt ttcatacatta ttattttggt taggatggct tgaaaatcac 360  
 aacgtatctt gggtttacgta attgaagtct tacagaag 398

<210> 803  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 803  
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 taacgggtgtt gcttagccca tatcctcctg gacaagtgtt ttggttcttc cctttaccgg 180  
 taaagtgttg caaacgtagt ctatcgagtt tgttctatatt catctgttct gtttacgaaa 240  
 ctgtaacttc atataggact gccttagggc tgaagtaaat aaactgtcaa cctaactaaa 300  
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 gcggtccaac 370

<210> 804  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 804  
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 caggataact aagatttatt tagttagact gagcattcca aattatttat tccacttatg 180  
 ttaattcaca caggaagac tgaggctcag gggtgctaga tgactgggta agctttctca 240  
 gtgacacagc catgacgaca gccaaagttt tctaattttt ggtccaggcc tctctctaac 300  
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tcctcaccat ccaa

374

<210> 805

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(370)

<223> n = A,T,C or G

<400> 805

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cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgcccaggtc	tctctcccat	cgcccttttg	360
gcctncgggn						370

<210> 806

<211> 373

<212> DNA

<213> Homo sapiens

<400> 806

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tacattggtc	tctatcatct	tataggataa	taaaggagat	aattcatgca	cacaaataac	240
tatatgtaat	gttacattta	gggaaataca	ataatttcac	tgtecttgcc	ttaggatttc	300
catttaagta	ggcagagatc	cctgggggaca	ggaataatct	gggttcacaa	aagggtgaca	360
cctggccggg	ggg					373

<210> 807

<211> 374

<212> DNA

<213> Homo sapiens

<400> 807

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ttctgctctc	ctagagcaga	ctttgatcta	aattggatct	aaattgactc	gaaatgtcag	180
gaaaaagaga	ttaatgcaca	aggctccctt	ctctgagaga	agggtgtgata	gagcagagct	240
taagcctggg	tgggaaatga	aactgcccac	cactctctcc	accccgctt	ggtcttccga	300
gggtgacagg	tgggacgctg	aagagagctg	ccctcctggt	cccggcctcc	atgtgaacag	360
cctcctccca	aatc					374

<210> 808

<211> 370

<212> DNA

<213> Homo sapiens

<400> 808

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tggcctgggc	tcaggggaacg	cacgtccatg	actctaattt	cttgtctctc	tctgcgtgtc	180
caaggataag	agggaaaagta	ccccaggcat	tgattttgggg	ttcacaaata	cacacctagc	240
cggcgaattc	gcaaatacgg	actccgtgaa	tgacaaaggg	gactacagta	caaaccacgc	300
ctgtccctcg	cgccccctagt	gtgctgaggg	cctggccgtg	gcaggaagga	aaaggaccgc	360
tcagaccctt						370

<210> 809  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 809						
cgttgctgtc	ggggagatgg	agctgtttta	ctcagtgtgt	gagtgtgtgt	gcgcgtgcat	60
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtctgtctgt	ctgtctctct	cctcctggac	120
ccagggcacc	caagggcagg	gataggcgca	gtggtcatat	gaagcagcgc	cagagagggg	180
acctcccagc	tcttatttgc	acctcccca	cctcaccaac	tttggctcct	ctctggggggc	240
atgaatgggt	aacacacacc	agagcagtac	tccaatattg	gagagtctct	gggggcacag	300
ggctttgaat	caggggagta	tcctgccttc	cctcccccta	ccccacatgg	tctcagggcc	360
cccttagggc	cccctaccca	ctgatagctt	tctcct			396

<210> 810  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G.

<400> 810						
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aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggta	atctttacag	180
cgagggagac	tgcaacttacc	tgaaatgttc	tggttaatgga	ggttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcccc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gccctcttagc	360
tcctatgact	ggaaccattg	aaaagggtgtt	tgctcanagct	ggag		404

<210> 811  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 811						
cgttgctgtc	ggaccgacac	tttcaactctt	caggcacatg	atcaattctc	tccattttcg	60
tctagcagtg	gaagaagact	gaatatctcg	tataccagaa	acatgactct	taaagatggg	120
aaaaacaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggtcttatag	catgcagatt	180
gaagataaaa	ctttccaagt	ccttggtaat	ctttacagcg	agggagactg	cacttaoctg	240
aaatgttctg	ttaatggagt	tgctagttaa	gcgaagctga	ttatcctgga	aaacactatt	300
tacctatttt	ccaaggaagg	aagtattgag	attgacattc	cagtcccca	atacttatct	360
tctgtgagct	cacaagaaac	tcagggcggc	cccttagctc	c		401

<210> 812  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<400> 812  
cagaaagctt cattaaaacc agtaaagaca tcaagacaat gtaactactg attattacat 60  
gaagctaatac tgaagtacaa tcttagatac aaaataagac atagaagtaa tgagtgcaga 120  
aggagtaaac agtgaacgta ggtggggggt gctaggtaac aaatatcaat actgactaat 180  
actggcatgg tttatgtgta gttaaaaatt ttaagttaac tatgttcata atcacccaaa 240  
ccactggaag ggggggaaaaa ggaaaattag aaaacttcat ctattcaacg gacatggaaa 300  
atggaatttt aaaaaatttc aaaattctgg ttaatgcaaa ctaggatgct aaatagaagc 360  
ccccaattat ct 372

<210> 813  
<211> 367  
<212> DNA  
<213> Homo sapiens

<400> 813  
agttcccaaa cctaggcctc agtcctatcc ttcaaaaaaa caagccgaac tttgttttct 60  
gtttgccaag gaaagggatt agtgtgtctg caccaagaaa agtaattctt ttccatacaa 120  
aaaaggatag gtactatatt ccaatcaagg taacaaacca gtgggctaaa aaagaattgc 180  
cttttaattg tgaaaaacatt tcctgatctt ttaaaaaaag aaatctacgg gaagtataaa 240  
ggcaatcagg taataaaactc attgaaaatc agttatagta ttagcaaaaag tttacagtgg 300  
ttggctttgt cacatagtca tagtttgtgg gagaatcttg accttatttg atgctgtaaa 360  
tacttgg 367

<210> 814  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 814  
cgttgctgtc ggggatgtgg cgcctttttc cgctcgccct cgcgcccccc cgcgccccgg 60  
cagctaaatt ccggcggagg ggcgagctgg caggccgggt cctcccactc tgggcagcgg 120  
ggtcccgcgt cccctcccc actatttggc agcgtctggg ggtctggggc agcttcgttc 180  
attcacccgg gggagtggg tttccgggaa gggtcggaag ctccctccctc gcttccctgg 240  
gggtaatggg gtggtgcctt tgactccggg ggtggaaaag cgaccccaaca ttcaaggacg 300  
ccaatggcat gttgagcttt cccaatctaa accaggtgcg tggaggggaag caagtgccta 360  
ctcccagctt gaaccctgag cagcgggtct ctaactttag agcg 404

<210> 815  
<211> 396  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(396)  
<223> n = A,T,C or G

<400> 815  
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ccccgcgcag ctaaattccg gcggaggggc gagctggcag gccgggtcct cccactctgg 120  
gcagcggggg cccgcgtccc ctccccact atttggcagc gtctgggggt ctggggcagc 180  
ttcgttcatt caccggggg agttgggttt ccgggaaggg tcggaagctc ctccctcgct 240  
tcctggtggg taatggggtg gngcctttga ctccgggggt ggaaaagcga cccacattc 300  
aaggacgcca atggcatgtt gagctttccc aatctaaacc aggtgcgtgg aggggaagcaa 360  
gtgcttactc ccagcttgaa ccctgagcag cggttg 396

<210> 816  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 816							
gagcatatta	tcaaggtcaa	aggcagcgtg	ataagtacct	gacaattctg	aaagctgtta		60
aagtgtttca	ggccagtttt	agaggagtaa	gagttagacg	gactcttata	aagaagcaga		120
ctgcagcgac	actcatttag	tcaaactaca	gaagatacag	acagcaaaca	tactttaata		180
agttaaagaa	aataacaaaa	acagtacagc	acagatactg	ggcaatgaaa	gaaagaaaca		240
tacaatttca	aaggtataac	aaactgaggc	attctgtaat	atacattcag	gctattttta		300
ggggagagaa	agctagaaga	catttaaaaa	tgatgcatat	agccgcaact	ctcattcaga		360
ggagatttag	aactctaata	atgagaagaa	gattcctcg				399

<210> 817  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 817							
ggcacgaggg	accggggcga	gccggggcgc	ccggggcgcag	tctttaacca	tggcgctccct		60
cttcaagaag	aaaaccgtgg	atgatgtaat	aaaggaacag	aatcgagagt	tacgaggtac		120
acagagggct	ataatcagag	atcgagcagc	tttagagaaa	caagaaaaac	agctggaatt		180
agaaattaag	aaaatggcca	agatttgtaa	taaggaagct	tgcaaagttt	tagccaaaca		240
acttgtgcat	ctacggaaac	agaagacgag	aacttttgct	gtaagttcaa	aagttacttc		300
tatgtctaca	caaacaaaag	tgatgaattc	ccaaatgaag	atggctggag	caatgtctac		360
cacagcaaaa	acaatgcagg	cagttaacaa	gaagatggat				400

<210> 818  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<400> 818							
ggcacgaggt	tcgatgtgac	ggagcgcttt	gtcctccaca	gacaccagac	aggccgggacc		60
tgccacaagt	gtggggaccca	gctgcggggac	accattgtgc	actttgggga	gaggggggacg		120
ttggggcagc	ctctgaactg	ggaagcggcg	accgagggctg	ccagcagagc	agacaccatc		180
ctgtgtctag	ggtccagcct	gaaggttcta	aagaagtacc	cacgcctctg	gtgcatgacc		240
aagcccccta	gccggcgggc	gaagctttac	atcgcgaaac	tgcagtggac	cccgaaggat		300
gactgggctg	ccctgaagct	acatgggaag	tgtgatgacg	gcatgcggt	cctcatggcc		360
gagctgggct	tggagatccc	cgcctatagc	agggggcagg	atcc			404

<210> 819  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 819							
ggcacgaggc	ctatcataca	ctatccaaat	gaagtcattg	tcaaagttca	cgctgccagt		60
gtaaatccta	tagacgttaa	tatgagaagt	ggttatggag	ctacagcttt	aaatatgaag		120
cgtgatcctt	tacacgtgaa	aatcaaagga	gaagaatttc	ctctgactct	gggtcgggat		180
gtctctggcg	tggatgatga	atgtgggctt	gatgtgaaat	acttcaagcc	tggagatgag		240
gtctgggctg	cagttcctcc	ttggaaacaa	ggcactcttt	cagagtttgt	tgtagttagt		300
gggaatgagg	tctctcacaa	acccaaatca	ctcactcata	ctcaagctgc	ctcttttgcca		360
tatgtggctc	tcacagcctg	gtctgctata	aacaaagtgt				400

<210> 820

<211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 820							
ggcacgagggc	atggcttttcc	ctgagcctta	gccgcggcct	ccagagctgc	cgcagaaacg		60
gttgaagacg	ctggactgcg	ggcagggggc	agtgcgagcc	gtacgattta	atgtggatgg		120
caattactgc	ctgacgtgcg	gcagtgacaa	gacgctgaag	ctgtggaacc	cgcttcgggg		180
gacgctgctg	cggacgtaca	gcggccacgg	ctacgaggtg	ctggatgcgg	ccggctcctt		240
tgacaacagt	agtctctgct	ccggcgggcg	ggacaaggcg	gtggttctgt	gggatgtggc		300
atcagggcag	gtcgtgcgca	aattccgggg	ccacgcaggg	aaggtgaaca	cggatgcagtt		360
taatgaagag	gccacaggta	tctgtccgg	ctctattg				398

<210> 821  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 821							
ggcacgagga	gccatgcgag	cagctcgttc	ccttgagaga	agaactgtga	cagaactgat		60
attacagcac	cagaaccctc	agcagttgtc	tgccaatcta	tgggccgctg	tcagggctcg		120
aggatgccag	tttttagggc	cagctatgca	agaagaggcc	ttgaagctgg	tgttactggc		180
attagaagat	ggttctgccc	tctcaaggaa	agttctggta	ctttttgttg	tgacagagact		240
agaaccaaga	tttcctcagg	catcaaaaac	aagtattggg	catgtgggtg	aactactgta		300
tcgagcttct	tggttttaagg	ttaccaaaaag	agatgaagac	tcttccctaa	tgacagctgaa		360
ggaggaattt	cggagttatg	aagcattacg	cagagaacat	gaa			403

<210> 822  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 822							
cggttgctgtc	ggcgggtggga	gcgatgaggg	tctgagacgg	tgggagcggg	tgtgtgaaga		60
tggagtttcc	cggaggaaat	gacaattacc	tgacgatcac	agggccttcg	caccccttcc		120
tgtcagggggc	cgagacattc	catacaccaa	gcttggggtga	tgaggaattt	gaaatccac		180
ctatctcctt	ggattctgat	ccctcattgg	ctgtctcaga	tgtgggtggc	cactttgatg		240
acctggcaga	cccttcctct	tcacaggatg	gcagtttttc	agcccagtat	gggggtccaga		300
cattggacat	gcctgtgggc	atgacccatg	gcttgatgga	gcagggcggg	gggctcctga		360
gtgggggctt	gacctgggac	ttggaccact	ctatag				396

<210> 823  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 823							
cggttgctgtc	gcgagaagga	accgccccag	ccatatcaag	tcgagtcccg	gccgtccacc		60
atgttccggg	acattggcca	gcaactgcag	gccacctgta	cctccctggg	gtccagcatt		120
caaggcctcc	ccaccaatgt	gaaggaccag	gtgcatcatg	cccgccgcca	gggtggaggac		180
ctccaggcca	cgttttccag	cattcactcc	ttccaagacc	tgtccagcag	catgctggcc		240
catagccgtg	agcgtgtcgc	cagcgcccgc	gaggccctgg	accacatggg	ggaatatgtg		300
gcccagaaca	cacctgtcac	gtggctcgtg	ggaccctttg	cccctggaat	cactgagaaa		360
gccccggagg	agaagaagta	gggggagagg	agaggactca	gcg			403

<210> 824  
 <211> 393

<212> DNA  
<213> Homo sapiens

<400> 824  
cggttgctggc ggtaaaaatat cattttatct catactgtta gtaggagctt cttaactact 60  
accatttctt aactttaaga agcatagaat ttaaaatata gaacgaccgc ttgtatggcc 120  
tggatctggg cacttaacct tactaagttt atctcgtgta aactgacctt gctaactcac 180  
gtgaggctta aataatacaa tgtggaagac ttcagggcac atttttgggt ttttgggttt 240  
tgtttgtttc ttgagacggt gtctcactct gtcgcccagg ctggagtcca gatgcacaat 300  
ctcggctcac tgcagcctcc tcatcctggg ttcaagcagt tctgccttag cctccggagc 360  
agctggaatt aggtcgccca ccaccacgcc cgg 393

<210> 825  
<211> 229  
<212> DNA  
<213> Homo sapiens

<400> 825  
atgtcctctc cacatgaaga atcaatctga attcttcacc actgatgttt tccatctcta 60  
acttgaagtt acaaaactaac tttagcagga atacttatgg cttacttcgg agcatctgtt 120  
acaaggcaag aactatcatg tatgtttgct acattcatat ttaatttcta tttttcttcg 180  
agctggccac tcgatttgct gttcagggtta tgttcctctt ttcttgtct 229

<210> 826  
<211> 368  
<212> DNA  
<213> Homo sapiens

<400> 826  
aatataagtg acaagtacac acacacacac acacacacac acacacacac acacacacac 60  
aaaacacaga aattactgca tcatgagggt ggaaaatcaa ttttgtccat agaggtcac 120  
acaaatattc ataattttta tagggcttaa cagttagtcc taacgtcaaa tattcctgaa 180  
tgctaattct aaaactctct aatttataga cttttcttac tcttaaccaa tcagcgcgcc 240  
atcatatcta catgattttt acaaagtgtt ttaactaat tctattccca aaaagtatct 300  
gtgtacctgt tgttctggga agcatcagga gaggaagaaa ttaagggtta tgccactgat 360  
aacagttt 368

<210> 827  
<211> 225  
<212> DNA  
<213> Homo sapiens

<400> 827  
atgtacacat aactgtcatt gtttgcagac aacaggctaa ttcagtagaa aatccatgca 60  
aattaactaa aaacccttta ggacaataga attaataaag tggaagatta aaagattaac 120  
aaagaaaaat aattgcttcc ctgtactggg aataactaat tagtaaatgt aatagacaaa 180  
gatccttatgc tatcactttt tcaatgttat ttattttgta cctct 225

<210> 828  
<211> 362  
<212> DNA  
<213> Homo sapiens

<400> 828  
tgtagtgggt tagagtatac actgaattaa tgagctattg ggccacgggg agctgaaagc 60  
ttatatatgt gtggagacac tgtttctgett tcaatctcat catccttatc tccaacatat 120  
gtatgtatat tgaaatacca accaagtagt gtattttgct agagcttatg gttctcataa 180



ttaatgataa	gactgtcagc	cgggcgtggt	ggctcacacc	tgtaatccca	gcactttttg	240
agtccgaggc	aggcggatcc	cttgagggtca	ggagttcaag	accagcctgg	ccaacgtagt	300
gaaacccac	atctactaaa	aatacaaaaa	ttagctgggt	gtggtggcac	acgcctgtaa	360
tc						362

<210> 829  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 829						
atatgactat	aaaatctatc	ttcatctgta	gggaaggtaa	tgaattacca	taaatgcctt	60
cataatccag	tctctctccc	tcccctcttt	tctaataaaa	atgcagagag	aacactgtga	120
agctcaagct	gcctctaaag	aaagtagaga	tttacagaac	ataacctcac	aagatttggt	180
gatgaattat	gaaggaaagga	catttatctt	gagaatcatg	agcattataa	tattttattga	240
ggattagaaa	tttggttatga	ggagggtgct	ctacctcctc	atgagccact	tatgcactta	300
atgcccactg	gaagaacatg	attaattcgg	caaaatccaa	ctctcatgaa	tatccccctg	360
ttgt						364

<210> 830  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (362)  
 <223> n = A,T,C or G

<400> 830						
cttcctcagt	tcgggaggtt	taatgataga	tggagaattc	tgaaagttag	gagctacaac	60
tatttgaaat	aaaactctag	ttacatagtt	gaaccgttca	aggtagggtg	tttaaaagca	120
gtttgttcac	aaacagggtat	atacacagta	gagaaaattt	gttatttttag	caaacgctta	180
tttagctcat	gctgattttaa	tgagggttgc	tttcatgata	cttaatagtt	ataagaacat	240
tttttacgat	tctatagtta	aacatttggt	ttgcatacct	tgttaaactc	cgtctctccg	300
tatagcatat	actacttggt	tgacaggaga	ttcacaaatg	catccaatcc	aaagaacaga	360
an						362

<210> 831  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (362)  
 <223> n = A,T,C or G

<400> 831						
taactacatt	ttacagaaga	tgaaaccaga	gctcaaggtc	atgttttagt	aaagtgaagg	60
ttgtggaatt	cagaaccaga	tttatctgac	tccaagggtc	aagcttttta	ccctctacca	120
tccaccaga	tgtatttcct	gactcattca	ggagtttaac	tttaattgtg	atagtaatat	180
tctcccatca	gctaagtga	ccagcttgga	aataagtgt	ttaatgaatt	tcttcactaa	240
aatttaaaaa	tgcttttgta	tttatgcata	gctaactcct	gagtttccat	tattgataat	300
aattaagaaa	ctggtngtat	atgaaaatgg	tgttgtagca	tacatttggt	ttcattatct	360
tc						362

<210> 832  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<400> 832  
 ctatcttaga acaagttaga tagtatatgt acttgtaata acttgtagact agatatgtta 60  
 gttttgtcta ttaatcttct tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120  
 atgaaaagtg tttaaaaaat taaatatttt agaaggatca atatcctaag ggttgtgggt 180  
 aattttttcc tactttctaa aacttcagat tcttttctact cacttaaggt tgtactacca 240  
 ttaatgcaat gttttctggg agtgcaagat ttgcaaatga attaataaca gctagaagcc 300  
 tcaatttttg cacttttata acatttctttg ctgttatcat tacaaggtaa aattatatag 360  
 ta 362

<210> 833  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 833  
 cggttgctgtc gaaaaaaacc ccacaaaacc ttgtgggtgt ctgagacaag aacatttcag 60  
 gcaggaataa cagtaagtc gaaggcccca aggttaggaac tgcattgcatt atgccgtgga 120  
 gaacagtc aaaggtcatta tagctggagt aaagtggagt aaagagaatg gtaagaaata 180  
 aggttgaggaga gaccgggtgc ggtggggtca tgctgtagt cccagcactt tgggaggccg 240  
 agatggatgg atcacctgag gtcaggagtt caggaccagc ctggccaaca tggtgaaacc 300  
 ctgtctctgc aaagaatacg gaaattagcc aggtgtggtg gcagggtgct gtgggtccag 360  
 ctgcttgaggga ggctgaggca ggagagccgc ttgg 394

<210> 834  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 834  
 cggaggctac ggagcagccg ggattcagaa tactactaca gagccagtct gagaggacac 60  
 tgctgcctcc acctccgaac atgtatcttg atgtctccagc ttgctctact gtcattctggg 120  
 aactgaaca ctaggcaccg gtgccacagt gctaccacat ctgcccctgt gcaattcata 180  
 ctggtgggtgc agctgtctta actgcttctg ctgaccaaca aaatgcattc tccgtggctc 240  
 ctgcttcttc actgtgagag gtctcattgt ctaacatcct tgggaggatg gactttaaat 300  
 tcatcccta ccaatgtact ctatcctaac tgtatgggag gcgggtgaaat acctaatcgc 360  
 attttct 367

<210> 835  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(371)  
 <223> n = A,T,C or G

<400> 835  
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 catttctcag agatgggact ctgggtcccg gctgccttga ttcaacagct gggcatgtta 120  
 cttacttttc ctgtgtccct gtttcacctg taaaatgtcc gtaataacgg tgctacctc 180  
 ttatggttgg cacaaggctt atgtaaaaca atcgacacag tgactggcac agtgtgcaaa 240

ggccatatat	gattattact	taacgtgtcc	aattttcatt	ttgtgtctat	ccctcagccc	300
tatctgacat	aatttagtcc	cgctttttgt	gggactcctc	aaccccccaa	ggctaggtat	360
ggccaggtac	n					371

<210> 836  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(392)  
 <223> n = A,T,C or G

<400> 836						
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tctttatggc	tcaggcaacc	agttcatggc	agcctagaat	gacagggaaa	aagctgggaa	120
gggaccttag	aaaatcactc	ttgcccata	ctccagccaa	agtggctctt	taaaaaccaa	180
gttcaggctg	ggcgcggtgg	ctcatgcctg	taatctcagc	actttgggag	gccgaggtgg	240
gtggatcatc	aggtcggggag	ttcaagacca	gcctggctaa	gggtggggaa	accccgcttc	300
tgctaaaaat	acaaaaatta	gccgggtgtg	gtgcacgcct	gtaatcccag	ctactcanga	360
ggctgaggca	gaagaatcgc	ttgaacctgg	gn			392

<210> 837  
 <211> 307  
 <212> DNA  
 <213> Homo sapiens

<400> 837						
cacctgtaat	aattgtgtgg	ctattccgaa	tatgcaaagt	tgaataaaaa	tgcaaaactc	60
tacatgaata	ctcaattgga	ttattctcca	gctgggttag	aatacttacg	tagtacttgc	120
aggtattaat	tgattttaatt	cttataacac	atttttttaa	gggtacaaac	aggcattgga	180
aaaaatttta	aatacagatt	taatacctga	ctcggaagaa	aggtataata	aggatggagg	240
atatttgcct	tcccagacatt	ttggagctca	attttttttt	cttagcaaaa	gaaatgggtg	300
gacttcg						307

<210> 838  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 838						
aaaagtaaga	tggagcactt	gtcttcatgg	aagtaaattc	atgataatct	tgtttaagta	60
tcctattcag	taattatgta	ttgttaggta	gacattattt	cacaggacta	ttagagcata	120
ttgaacttag	aaactttgaa	agctcttttg	atgctagctg	gtacagaatg	cccatctgct	180
ctatgattac	tgtgagaatt	gtgttaaaac	tcttggtctc	ttgttaattt	ccaagtatag	240
tgcaatatgt	ggattttcaat	atataaagat	gaagaaccta	gatgttttga	gcttttcatg	300
tcagaggtag	tctcagagtt	gactcatagt	tggccagggtc	atcttcagct	ctcttgctta	360
g						361

<210> 839  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 839						
cgttgctgtc	gtttgcattt	aaacaagttg	gagttcgtaa	gggtgaatta	cttgaaatgt	60

actaatagat	agtagagaat	atttacaaca	cattttttaa	aatatgaccc	ataataatag	120
gtggcattta	agaaatataa	gcatggatc	tatcttacat	gcatattagg	agtggacagt	180
tttctatgat	tagaagcaca	cagttgtcga	gcaagggttc	taatttttgt	acgtgttggtg	240
ggaaagaaaag	ataatacagg	gtgtcattgc	aaagatat	aactactcta	gataatttag	300
gcctacacta	ctctaataaa	ttgggttttc	caaattattg	atacaccttg	agaactagtg	360
cctgggtagg	cctggagaaa	tgactccagg	ag			392

<210> 840  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

ggcacgagggc	agcagctggg	gaggagccaa	agcctcggcg	ctcacctaag	ccgcagggag	60
atacacccaa	ctgggagatg	aggaaacagc	aaccagaga	ggagaactaa	cccacacagg	120
atcatttcgc	gaaggagcaa	ggctgaagaa	ccagacctgg	actttcttag	gcaagtaaat	180
tctgattata	tcacggagac	ttgctttgag	aaatctgccc	cttttactg	tgagatggcg	240
tcattaacac	atctagttct	ctcctaagca	gccagcaaac	atattattata	cactagatat	300
tattattggca	tttgagatga	tacaaaggaa	taaaatgggg	caattagctc	tagtaatttg	360
gaggtctcaa	cttacggata	ttccaagttc	c			391

<210> 841  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> n = A,T,C or G

cggttctgtc	gcttcagaga	tgttctgtcc	aagggttagt	ttgcacggag	gagagcagga	60
atgcagggcc	agggcacggc	cacccagagc	ctcatgctgt	tcaaagcggc	tgagtgagtg	120
cttttagacca	cacaaggcag	gtcgagaggc	acagtgcatt	cttgggagga	tggcacgggg	180
cagtgggtga	ggatggccca	gggtggctggg	gtcaagtgtc	cctaccagcc	cagcctctcc	240
catatcatca	tgggacatga	atgtgagggg	gtgggtgatg	tggcagtgtg	agggtttaaga	300
aatacatcta	gaaggccagg	tgtgggtggc	cacgcctgca	atcccagcac	tctgggaggc	360
tgaggtgagt	ggatcacgag	gtcaggagn				389

<210> 842  
 <211> 227  
 <212> DNA  
 <213> Homo sapiens

gagcacctct	gtgttcctag	gtctgtgcag	tgacttggga	gtacagtgat	gaatgggacc	60
atatgggtccc	accctcatgg	gcagtctcta	attcctgcct	tatgaactga	agatctat	120
cttggcctga	ctttatat	ttcatgggta	aaagttttgg	ggcctctgaa	gtgtgcattt	180
gaactcaggc	atggccttct	ggggctgttt	atgcctatc	accctga		227

<210> 843  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(361)  
 <223> n = A,T,C or G

<400> 843  
 aaattagata ataaagtgct tttagtaaca tgcttggcac agttcattga ttcaaacatt 60  
 gaaaaaaaaat ttttttaatt atcatagtag tgtgtacctt tggaaaaaatt ataacttaac 120  
 agataaggct aagtttgagc cttccagacc tttccttctc tgcatactct tcaggggtaa 180  
 ctgggatcat gttctgggag catgtcattc caagactgtt tctttgcttt tataaacaca 240  
 tctgtttcca tagaaatgct gtagtggttg cagagggggc ggtgcgtggt atcatcctgg 300  
 atttgntatt ctgcgctttt ttgcttgacc taccttgat ggctctctag tcgatacagc 360  
 t 361

<210> 844  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 844  
 cgggggttcaa gctggactcg ccacgactag attgcagggg actaaccgct taaattgcgc 60  
 aactggtgat gctcttgctg tatttggaga catgataaac gagtatatgc tgcatagacc 120  
 cgacaactgc attcattgta tgtgtcaggt tcaccgggag gtgacagatg ctacacttgc 180  
 atttattgaa tgagcttatt ggatatcttg ggtgcaagca ggaagcaacc tgctgacctg 240  
 agtccctgt ggccctggtc ctctccactc tgaaaacatc caggcagatc ttacaactcc 300  
 tccagtcaca cccagataacc aactctaggc cagaccaatg caatctcttg gcttgaattc 360  
 aac 363

<210> 845  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 845  
 ggcacgagat tccttgcttg attttattgt acagtgtgca caagcacaat ggtatgcttg 60  
 tatatagaaa ctaaaaatac tatgaagtac ataagttccc tatggcttat ggagagttat 120  
 ttattaatta actttatggt agggctagta tgaatacctt ttttaacaatt gtgtgctatt 180  
 acaacaatga agattcaaata gactccgctt tgaaggatgt tttctctata tggtaaaata 240  
 tatatgaaga agtcttgatt acgtgaagat cacttgactc agaatacttc aatgtatttt 300  
 gttcacatta ccactaagca tattatcagt aaactattaa ctgactgcac attatgtaat 360  
 acgttgctact ttttgttgaa ttcaccga 388

<210> 846  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 846  
 cttgggaggc tgaggcatga gaattgcttg aaccaggag acagaggttg cagtgaagcca 60  
 tgatcccacc accacactcc agcctgggtg acagattgag actctgtctc aaaagagtta 120  
 ttaccacaac aatagactat aaaatctgta gtcttaattt gcatatcatg gtagacagga 180  
 aaataccttt agcatcttaa taaaagatga atcaaactct ctaataaata ccctagaaaa 240  
 gacaaacaat acactaaata taagattaaa gagtagtttc taatacatca ttctaagaca 300  
 aaatgagggga aaaaacccca tttcaaattt aagtcaaaag aaagggtgaa acataaagga 360  
 gtctg 365

<210> 847  
 <211> 391

<212> DNA  
<213> Homo sapiens

<400> 847  
tctaccaag tgaattataa ttaactgagt cacatttatac attataactga cctttgagca 60  
tttcccccaa ctcacagtat tttgtttctc agatatggga tattcgcttg ctttgtgaaa 120  
aacatgaaaa tgtagcaga gtcagtgct ttgccagca gatggcattt gtgtgagttt 180  
ttcaggatcc tttggaatct gtcacttgcc aattacccaa tttgttttga atactctgta 240  
tttcaggtta atattgcacc atttacataa agagaatgtg ccaaaattgc tgtaactctgt 300  
tctgtaatca aatctgactg ctgtagatgt ataacttact tttggttaagc tggttactgc 360  
aaaatggtct caagacaatc cttttctatt c 391

<210> 848  
<211> 389  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(389)  
<223> n = A,T,C or G

<400> 848  
cggttgctg gntattttat gccttcaggt tttaaaaatt ataaacattt acattacagt 60  
aaaagtcact ctggtatata gatctataaa gctctgataa atgtgtagag ttgtgtaacc 120  
accaatgcaa ccaaggtaca gaacagtctt cttagcctct ccctaccaa tttattcctg 180  
ctactttgta gacaaaacca gtcccttaca cccaaacctt ggcagacact ggnttttttc 240  
ttcggtctct attttttttt tttaggaaaa aaagattatt tttttcccca cgctggaagg 300  
gggccagggg ggggatttgg aaaaaggcca cctccccctt caggggatta ggggtttttc 360  
tggtctggtt ccccaagggg gtgggaaan 389

<210> 849  
<211> 395  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(395)  
<223> n = A,T,C or G

<400> 849  
cggttgctg gcttacaggg tcattcagac cccatcttag ccctagatcg gtgcttgctc 60  
tactcacctg cactgtcctg gggacctggg ctctggcctg tcaccttgag ctccaagaat 120  
gtgacctgta cccattcagg ccccttaact ctgacagatg agggtttctt actcctccat 180  
gcagggtctg gccagctggt ggtctcagtc gatcattcag gaagtcatta gcagagtgat 240  
ttccagaagg cgtagaattt agtgaccaag gttctttcct ttttgggagg agaaagtga 300  
aactaggatg ctgagctgga cccaccagcc tgagattctg gggatttttag agctgtccct 360  
tggggagcca agcacttggg ggtggagggt atagg 395

<210> 850  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 850  
gacaaagctg catgctggt ctcaactccc tagaatttga acacacgggt caggggtatt 60

gagctgagat	cttgagctca	agcaggagag	gagccctcac	tctcagacca	cagagaagac	120
tgaggtgtgg	gatcatggga	tggcacagca	gctgggtata	ccatgctctg	gaagaccaat	180
ctaggaaggg	tgtggcctat	ctgccatcct	cagcctctgc	ctgagggagc	tccatgccct	240
gcagcaccta	acagacaagc	aatcggagaa	caaaaggctt	gggacaaaac	tagctgggca	300
agctcagtac	tgggacagac	actggaagga	gacctgatca	gtcgagcaca	agctgggaag	360
tccagacagc	aatctctggg	aaaaaac				388

<210> 851  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 851						
ggcctattcc	taatggatag	agaagaaaga	cgacagcggg	aacacacaag	aagaaaactt	60
actcttcgta	gaaaaataga	agaggacata	cagcgaatgc	tgctcatcag	cgtcaaaata	120
gttcaaataa	ttttacgaaa	aaaaactcag	cttctgttgt	ttatcaggca	gatgtaccgg	180
ataatggtat	aatcaaaaag	gaggtataaa	tatttcaggc	caaggggtcaa	ttatttcagc	240
gcaggtatca	cccacgagaa	atttttccag	agcttcacaa	gcatttttgg	atacttcaca	300
agaagagaag	gagaccaatg	ctgattggga	tggaagacca	acccatagat	caagctatct	360
ctgcgag						367

<210> 852  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<400> 852						
cggaggagct	cccaaccccc	accgggtgca	ccttgcagaa	cccctccctg	agaatccggt	60
cgggattcgc	agcctggacc	cacacgtgct	gctccccaag	gcaggtccag	cgagtgcaca	120
ggtgcagatc	ccttgctgcc	acctccactg	gccagtgtt	ccggagccag	gcgtgcccag	180
ggctgcacag	acgttagcac	cacgctgcac	ctcccatttc	acggagaagg	aaaccgaggc	240
acaaaggcga	agcttttcc					259

<210> 853  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(393)  
 <223> n = A,T,C or G

<400> 853						
cgttgctgtc	gcggcgggag	ccgctgctct	ccggctgagg	gaatcagaga	cagctccgtc	60
cctagtggag	cgcaggggag	gcagaagtca	tgacaggcga	ggtgggttct	gaggttcacc	120
tanaaatcaa	tgacccaaac	gtcatttcac	aagaggaagc	agatagtcct	tcagatagtg	180
gacagggcag	ctatgaaaca	attggaccct	tgagtgaagg	agattcagat	gaagagatat	240
ttgtaagtaa	gaagttgaaa	aacaggaagg	ttctacaaga	cagtgattcc	gaaacagagg	300
acacaaatgc	ctctccagag	aaaactacct	atgacagtgc	cgaggaggaa	aataaagaga	360
atttatatgc	tgggaaaaat	acaaaaatca	aaa			393

<210> 854  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 854  
 cggttgctgtc gaaactcctg agctcaagtg atccactcgc cttggactcc caaagtgctg 60  
 agcttacagg cgtgagccag tgtgcctaac ctcggggggtt cttgactgag gcatagccct 120  
 tggttttctg ttttccctctg tctcctctcc ctgaggtggc ttgtctggtc ttaggatttt 180  
 gcttgctact tccttgctta caactccaaa aactctgcct gggcttctcc agtggaaacta 240  
 cagtcagatg gctgaagcat cccggctctt gggteccatc ttgagctgcc aggtgcctca 300  
 aatatggact ggaggagtgg ctgtcactgt ggttcgctcc catgttagat acagggctag 360  
 tctcagctct gccactcccc atgtgtgacc n 391

<210> 855  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 855  
 cggttgctgtc gccaggtcac atggggaaga gttagctaca aaactggcca cttaattctct 60  
 ggagggggggc gttgggtggg tgtgtctgtg tgtgtctcag ggggctggag atgcctgcgt 120  
 gggaggagtg cacctctgac caggtggcag agtggaaagg ctgagggctc tcagctgagc 180  
 tgtgcacatg gcgggcacag gaccggctgg ctgtgagtggt gtgtggcctg tggcctgtga 240  
 aggggtgggag gagggtctgt gagctgggga ttctgggaag ggaatgtcgg ccagctggg 300  
 aggttgtacc agatgacctc agcggcctct tcagtcctga aaaaaacctc agcatctcct 360  
 ctgtcgtttt gggccgtgac aggacgcagc cat 393

<210> 856  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 856  
 cggttgctgtc gccctcctgc ttttttttga gcctctcctg aaactgatag atgctgaaac 60  
 cactgcagga gcctggccta acgtggctgc agtctccatt actgggcgga agcggagccg 120  
 ggtagccctt gccgagcccc aggaggcccc tgattccact gctgcaggag gctcagcctc 180  
 gaagcggatg gcgctggtgc tggaaacgggt gtgcagcact ctctggggcc tggaggaaca 240  
 cctgaatgcc ctggaccggg ctgctgggga cggcgactgt ggcaccaccc acagccgtgc 300  
 ggccagagca atccaggagt ggctgaagga gggcccaccc cctgtcagcc ctgcccagct 360  
 gctatccaaag ttggctgttc tgettccgga gaaa 394

<210> 857  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(159)  
 <223> n = A,T,C or G

<400> 857  
 tagtggtcca naanatgaaa aaataattga acaaataagag gatatggtga ctacagcttc 60  
 tacgtacctg tttgaagcca cagaaaaaag attttttttc aaaaatgtat ctatattaat 120  
 ttcctagaat tggaaggaaa atcctcagta caaaaggcc 159



<210> 858  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 858  
 ggcacgaggg aacatgggct ttgcagcaaa agcgaagaaa tctgctcatg aaaacatgga 60  
 tctgaaccaa atatatgatt tgatgcaaga gatcacagag caacaggata tcgccaaga 120  
 aatctcagaa gcattttctc aacgggttg ctttggtgat gactttgatg aggatgagtt 180  
 gatggcagaa cttgaagaat tggacaaga ggaattaaat aagaagatga caaatatccg 240  
 ccttccaaat gtgccttctc cttctctccc agcacagcca aatagaaaac caggcatgtc 300  
 gtccactgca cgtcgatccc gagcagcatc ttcccagagg gcagaagaag aggatgatga 360  
 tatcaaaaca ttggcagctt gggctaccta aac 393

<210> 859  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 859  
 ggcacgaggg ctatcataca ctatccaaat gaagtcattg tcaaagttca cgctgccagt 60  
 gtaaatccta tagacgttaa tatgagaagt gggttatggag ctacagcttt aaatatgaag 120  
 cgtgacctt tacacgtgaa aatcaaagga gaagaatttc ctctgactct gggtcgggat 180  
 gtctctggcg tggatgatga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240  
 gtctgggctg cagttcctcc ttggaaacaa ggcactcttt cagagtttgt tgtagtcagt 300  
 gggaatgagg tctctcacia acccaaatca ctactcata ctcaagctgc ctctttgcc 360  
 tatgtggctc tcacagcctg gtctgctata aacaa 395

<210> 860  
 <211> 392  
 <212> DNA  
 <213> Homo sapiens

<400> 860  
 cggtgctgtc gcttgaggaa gcccagtaca tttcaagttg gtcgaggctt gggcattggg 60  
 aaaggggatg ctttgcccc acccaccctg cagccttctc cactcttccc tcccttggag 120  
 ttccgcccag tacctttgcc ctccaggcag gaaggggaat atgtcctggc actgaagcaa 180  
 gagctacgag gagccatgag gcagctcccc tacttcatcc ggccagctgt ccccaagaga 240  
 gatgtggagc gttattcaga caaatatcag atgtcagggtc cgattgacaa tgccatcgat 300  
 tggaaaccctg attggcggcg tctaccccgg gagctaaaga tccgagtgcg gaagctacag 360  
 aaggaacgga ttacaattct gctccccaag ag 392

<210> 861  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 861  
 cggtgctgtc ggagataagg actgagtgc gaagataaga gaactcgcat gatggaaata 60  
 ttttctgaaa caaaagatgt atttcaatta aaagacttgg agaagattgc tcccaaagag 120  
 aaaggcatta ctgctatgtc agtaaaagaa gtccttcaaa gcttagttga tgatggatg 180  
 gctgactgtg agaggatcgg aacttctaatt tattattggg cttttccaag taaagctctt 240  
 catgcaagga aacataagtt ggaggttctg gaatctcagt tgtctgaggg aagtcaaaag 300  
 catgcaagcc tacagaaaag cattgagaaa gctaaaattg gccgatgtga aacggaagag 360  
 cgaaccaggc tagcaaaaga gctttctt 388

<210> 862

<211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 862  
 gctgctctac cctttaatgg atatgtgtgc attgaagatg tctggatgag gagactaatt 60  
 ctagaaggca gacgtgcctc aataaattaa ggccttcctc aagaaacccg agaaatatat 120  
 agattttgtc ttaaatgttt gtgtgagata tttgcttttc aggacagat atatcaagtt 180  
 tttttttatt tctatgttta tattgatatg ccttcacat ggtaattaa ataaaaagag 240  
 gggaaaagga gaaagaaaaa gattcagagc atcatttgtt aaaaagaaat gtatcattca 300  
 acc 303

<210> 863  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 863  
 cgttgctgtc ggaaggtatt ctccggcctt agaaagccca ggattaatgc aggattgcga 60  
 tatttaaaaca gaacatttcc atacagcatg agtataaatg actttcccaa gtttacactg 120  
 agagtaactg acacagcaac cccagcaaag tctgagctga gtctgaata attgtataaa 180  
 aaggggagag aaacagagtg aagaaagggt tcccagact ctgtcccagg aaagaaaatg 240  
 agctcgtgga gaggaataga ctttctctat gaaaacagag ggaacaaaga ggaagatgtc 300  
 tgggaaccga ggagtaatag agacctgagt ttacatcact actctgccac tccctaggta 360  
 cctcccttta cctgtttccc tactg 385

<210> 864  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 864  
 gagacagaga gattagacat tgcaatgaac aaactggttt tgaccattaa ttacattccc 60  
 tggatacttg ctcaattcac cacacatttt tttttttctg aatcaacatg aaaaagactg 120  
 gcttagtctg catttaaagc atttcgtaca ttacaatgat cacatgctac aggatttgta 180  
 agtgctcaag gatgtgttca cagctaggga agtaaagccg acataaagaa atgaaatcca 240  
 gtttctgtct tcaagacact tacattcttg cataaagtca agaaaatact attaggaaaa 300  
 caatacttta tattgggtgc cttctttatc tggaggatgg caaacaacca aatcatg 357

<210> 865  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 865  
 caatgagcac aagggaatac attatagttg attttgctca aacttaattt aaaagcctca 60  
 ttttctaga actctaatta ttcagatatt catgacaata tttttttaac agtaagaaac 120  
 tctgagttgg cttcttgagg ctgtaggctc tgaagcagca acgtctttca ggggctggag 180  
 acagaaaccc attctgcaat ctcagtagtt ttttcgaaag gctgagatca tttattgatc 240  
 gagatatgac ttgttactag ggtactgaaa aaaatgtcta aggcctttac agaaacattt 300  
 ttagtactga ggatgagaac tttttcaa atcaaaaatat attggcttaa agcatgagg 359

<210> 866  
 <211> 142  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(142)  
 <223> n = A,T,C or G

<400> 866  
 tcctgcacca aagaaatgta aaacaaaccc agagagtgac attgagcagc tttaaagtga 60  
 cgttgttttc ctttcacctg gtgaatttga gaacgcagtg gcttttgaga ctgtcctgcc 120  
 aagtggcang tgaggcatgg ag 142

<210> 867  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(360)  
 <223> n = A,T,C or G

<400> 867  
 tctccttttag ctgctacaga ctccctgctc tcttcctttt ccagcaaaca ctgtctgctt 60  
 cctcttgtcc caccagctct tgaactcact cctttcaggc tccatcccca ccaccccact 120  
 gcatccacta atgccaaggc cacctccatg tggccacatc caatgaccat ctctctgccc 180  
 tcaggtccct gggtgaacat gtcagcagca tttgagtagc tgacctcctt tgctttcaag 240  
 aaacttttcc tgctcttggg tctcttctctg tctccctagc cagattttcc tacttctccc 300  
 ttactgattc ctccctaattt cctccatcat gaagcactgg agtgtcccag gggttcagtcn 360

<210> 868  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 868  
 attctctata gtgtggatat gaatctatcc atctatctat atatatttat cttggaccaa 60  
 ctatcttttt atacagtgtg gatgatcaga tataccgcac aaatccctgg ccagtgggag 120  
 aagttcccct tactactttc agggccactt ctcaagtggaa gtccattttc agctgggtatc 180  
 acacataaca aaatggccta ttttcagcat gtgccacaca gaccaagact ggctttttct 240  
 gtctccatta tcaggtcaaaa aggaaacaca catgatgcca taggagttag atgaggtgca 300  
 attttggtag ctgacaatgg ggcttgggtc acctgcttgc aatgtacttg t 351

<210> 869  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 869  
 gagttccaag tagggaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag 60  
 aaagctagtg ggaaaagtgc caggattaca tgtcaggaaa ctacaagagg tagaaacatt 120  
 tgttgattta ccagtgtttt taacttcctg ctgggctgaa aactgcttgt ttcgtggaaa 180  
 agcaaaactt gacagcaaac atctaaaaatg aagagctccc aaacttttga ggaacaaacg 240  
 gaatgcattg tgaacactct actcatggac ttcttgagcc caacattgca gggtgccagc 300  
 cggaacctat gctgtgtaga tgaagtagat tcaggagagc cttgttcttt tgatgtg 357

<210> 870  
 <211> 384  
 <212> DNA

<213> Homo sapiens

<400> 870

tacggctgct	ataatacgac	agaagggcac	acacacacac	cttttttttac	actgagagaa	60
tgagaaaaac	attaactttt	agttctccgt	gggccttatt	ttcttaaagg	aggaaatcat	120
tacacagtaa	agcattaatg	gccagtgtgt	gtttaattta	acaacactac	aaattcatgt	180
agagatgtct	gacctcttag	agaggaaact	gtcattcctt	agctgcagtc	ccctcttcaa	240
ctgaagaatt	acatttcacc	actaggtgtc	cacaggggaa	caaaggatat	cttacacttg	300
cccattccaa	gtccctttca	cacacactgc	actccataaa	caacttgctc	taggtcaatt	360
tataaaaacc	ttaaatctta	tttt				384

<210> 871

<211> 358

<212> DNA

<213> Homo sapiens

<400> 871

tttgtgggag	gaaccacttc	cactctcagc	cactcaaggt	ttatcaggat	atactagttg	60
agaagcatga	aaaataaaaa	ctggtaattt	cccataacca	aaacaaaaag	tgttacaaga	120
tacttaaatg	atccttggca	atacttttat	tctatttagt	atatgattag	gagtttagta	180
gattaaaaaa	cccaccacat	aaaagacaac	tggtatatat	tctcctcaga	catggtaatg	240
tgatgtaagg	gagtaaactt	tgaacttcat	ttttgtatgg	gtcataaaat	cgcattgagtc	300
atacttgggt	agaacacaca	tgattttcaa	taacaagttt	gtcttccact	tcattacc	358

<210> 872

<211> 330

<212> DNA

<213> Homo sapiens

<400> 872

gggagcctga	ggaggggcct	cacccggcct	gaggaaactc	actgagaagt	ggagggccgag	60
tcagagcctg	tgaggcaggg	gagtggggac	agtctcagcc	caaaaaacaa	tgctggcgag	120
aggcaggtgc	aggggtaagg	tcacaaggag	ggaagcgcag	ccctttcaag	gcaggagaga	180
aggcggcagg	agagaaggca	ccaggacaag	ggacagaact	agagggaggg	taggacctgg	240
catttaggaa	ccagcatgtg	gctgggcctg	ggcgtgaggt	taagaaggga	gagttggccg	300
ggcacggtgg	ctcacgcctg	taatcacagc				330

<210> 873

<211> 355

<212> DNA

<213> Homo sapiens

<400> 873

ggtggcatgt	acctgtattc	ccagctacct	gggaggctga	ggtgggaaaa	tcacctgagc	60
ctgggaggtc	aaggctgcag	tgagccatga	tcacgccact	ccagcctggg	cgacagagtg	120
agaccctgtc	ttaaaaacaa	aaaacaaaaa	aaccctcaat	aagcagaaac	aaaaatgcag	180
aagacagaag	tctaagaata	tattaaaact	gtattctaata	atagatgtta	aattctaaag	240
tcagcagata	agtagaaaat	ctgtaaaat	aaaactgagt	ttgaaaactt	caggacttaa	300
agcaggcagt	aagaggaagt	ttggtggaga	gacgatattg	ttagaatgta	aacct	355

<210> 874

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(358)  
 <223> n = A,T,C or G

<400> 874  
 gatttttagga cttgggtgttt ctggcatttc ataggaaata aataaatcaa agcctacagt 60  
 aagcaacctt ctttaatacat cttggaaggg gggaaaaccc caagaccctt atttaggatg 120  
 aatatattaa tacaatacaa agcacccaac ttctttcttg gaatgactta aganatccat 180  
 cagcagaagg agacagttgc acttattatg ggatttctag ggcattgggg cgcanagaca 240  
 aaaaagagct tggtttactt ttccaaaaca tgaaatgctg attcccttct ttgctatgc 300  
 tattcaggcc ttaaaggga aagcacaaaa gggttcttgg gcaatgaaga aaaataag 358

<210> 875  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 875  
 taaactgaaa aatgagtcta aatgcagcca ctttgctatt ttagttcttc ataagactgg 60  
 aagcaaagca attttactga aatgttatca gtgaaactac tcactctaca atgaaacatt 120  
 tgtgtttact tttgtgggta gatattttgt ggtaaatatg tgtcaaactt ttatccaaac 180  
 acaaatggta taaagagatg agtaagacag tctgtggctc agggctactt tgttgtaaaa 240  
 acccagcgac accattctga ctgtgggtcct actgggtatt ctctatctag caccaagatc 300  
 tttggaagac atgttaagca attatcttat cactctactg gtcacaatcc tccaaan 357

<210> 876  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 876  
 ctcttccact aacacaggga aattccagcc cagtctctgag gaacatgggc aggtcgatgg 60  
 gtttaattaa ttcagtatgc aaatgggcca tgagggttct taaaagagat gacttaaaag 120  
 atccttttct aaatgatgaa gtccctcagc cccacagaca agaatgggccc ccaaggctgg 180  
 gcgcagtggc tcatgcctgt aatcccaaca atttaggaaa cggaggcagg aattcaagac 240  
 cagcctgggc agcagagtga gactctatct ctacccaaaa taaaaattag ttggccgggc 300  
 gcggtggctc aagcctgtaa tcccaa 326

<210> 877  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 877  
 attacatttt attgagctct tagtatagtc attctactaa ttatcaagaa ttgttaatcc 60  
 tttaaatacc atatttagtc aatacattag ccccaaaaac aagtaaaacta aagctaagtg 120  
 agactaaata atcagaagtc aaaataaactt gcccaaggctc atatgtaacc aataagttgg 180  
 ccacatctta gagtaagttc ttagtcgcta acaaaagntca cttagttttt ttttgagaca 240

cagtctcact	ctgtcaacca	ggctggagta	cagaggggcg	atctaggctg	aatgcaacct	300
ccacctccca	ggtgaaggag	agttttctgc	ctcagcctcc	acaataactg	ggaatan	357

<210> 878  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 878						
attggttatcc	gaaagagaga	aataactcct	gttaatcaag	aaaaagacag	aaacttcaat	60
gggaaaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct	120
aaacagtata	caaagaaact	tcatatttat	aattatacaa	atgcaaata	aggcagtgg	180
tcattactct	tatcagaaag	actctaattt	aaaaggataa	acacaacaat	tattagaaaa	240
tgtgcatagt	gttaactttc	actcacttgt	agtgaagagt	agtctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcatataca	ggtagatgat	gataaggatt	atgggtattgg	360

<210> 879  
 <211> 225  
 <212> DNA  
 <213> Homo sapiens

<400> 879						
ttccgttcaa	attctgacta	tgtagtattt	tagcaaacct	atgctagtaa	cattagaaaa	60
aaaataaatt	tactatccat	agactttatg	aaggctcatc	atgaagaaat	gggtgtttta	120
gtaagaaaca	gaaatttctt	aagctttctc	ttagatttct	ttagatttta	gttcaaaaata	180
gatttgagtg	agttttatttc	tgatgcggtg	ctttaccctg	attac		225

<210> 880  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 880						
cagataatct	ttttaaatct	attattaaca	tgttcaataa	aaagatgaaa	agatggagaa	60
ttttattaga	gaaatggaat	atctaaaaat	gaattacttg	aagagttgct	aaatgaaatg	120
cagaataact	gtaagtgaat	acacagttgg	tgtaacagcg	gattagccaa	agcagaaaac	180
aggtttgctg	gaaataacca	tattaaaaaa	tgaagaccag	aaagaattgc	aaatgcacaa	240
aacagcatta	gaccacaggg	agcatgattt	tataaagggt	taggccgggc	gcgggtggctc	300
acgcagttaa	ttccagcact	ttgggaggcc	gaggcgggca	gatcacgagg	tca	353

<210> 881  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 881						
gttagaaggg	tcatacaagg	ctttatagaa	aggattttta	agatgagctt	ctatatatca	60
attaaaagaa	catttcagta	gaaacatggg	cgtatgggtat	gataattacc	agaagacaaa	120
tgcaataaag	tgctgaacac	aggaaaaaaa	taatcaacct	ctccaataat	cagaaaaaatt	180
gaagttaatc	atcattaact	gttggggggg	tagctaccaa	atttgataaa	aactcaaaaa	240
ttcgtaataa	ttcagaaatt	gagaatagcg	gccgggcgtg	gtgggtcaca	cctgtaattc	300
tagcactttg	ggaggctgag	gcgggcagat	tacgtgaact	caaaagtctg	agaccaaccg	360

<210> 882  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 882  
cggttgctgtc gggcaccgag cctattctgt cgcgttggtc ttatatacat acacggatga 60  
cgaccatgag gacagtgggc atcaaacatt ttggattatg cgttattaat cccttatatc 120  
actaaaatgc aacactgctg tggatgctat ccttaatata tactgactta tagatgcagc 180  
ccactcgaag ttttgtgcc a gccttcttac ctatattaga caacgacttc aacagcgcg 240  
ttgctaattgc cagcgaacca ccatgtgtta tggtagcctg cttggatcaa ttgtaattat 300  
tactggaatt gaattaatta atatgatttt gaacagatca tgttcaaact aacatcctgt 360  
aaagtagaca ctgtaaggag ttact 385

<210> 883  
<211> 383  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(383)  
<223> n = A,T,C or G

<400> 883  
tacggttgcg agaatacgac agaagggatg tcaatgcaaa gccacgggct ggaagccaag 60  
cgtgggcggc ctctgttcgc catcgggggtg aagcctcctg tgttcgttca ctgccgtcgg 120  
ggtgaacgcc atatgggcag gtgactgggt gctctcgaac ctccccgcca agcccaaaaa 180  
gccacataat taaatgcaat gtccggggccg ggcacgggtg ctcacacctg tgatcccagc 240  
gctttgggag gatcacctga ggtcaggagt tcaagaccag cctgggcaac atggtggaac 300  
cccgtctcta cttaaaatac aaaaattagc tgggcgtggg ggctcacatc tgtaatccca 360  
gcactttggg aggccgaggt ggn 383

<210> 884  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 884  
attccccagc aagatagaga taatagcttc cacttgccct ctcaaaacac acaaataaca 60  
ttcagtatgt gacagtatta ttaaaccat tatgggtccaa tataatgaca cattaacgta 120  
cctattttctc aggcagatta tgggatattt ggagcatgga actaagtact aatcatattt 180  
tggggtttct ctgtattctc cccaacacct gagttggcac ataagatgtg ttacatagac 240  
atttgttacg tgaatgattt gatccttaac taggggtggg acacaaaata ttccaataaa 300  
gattatcgca aaattctctt aattcagtg c t gatttctc ttcagatggc attgtta 357

<210> 885  
<211> 356  
<212> DNA  
<213> Homo sapiens

<400> 885  
aaattataga caagcacaaa gaaaatagat atcgcccttta attccaccac acagagataa 60  
tctctgttaa tatttcagta tgggtgtggg aatcaatata ccatcttttg tgcataatgca 120  
gattcttatt ttgtaaacat gagacactat tatgctttct gtggttgtaac ctcttttttc 180  
acttaataata tcatgaacta ttttccaggt tattaaatat gtgacaaaaa tgtctttgat 240  
tcctttataa ttttctgtca catactataa agctcctctg tgattttgca ataaattaac 300  
ttgttttctc actatacaga cgtaagcttt ttaaaaaaaa atcaactcct aatagt 356

<210> 886  
<211> 357

<212> DNA

<213> Homo sapiens

<400> 886

cataataggt	gctcagtatt	tattgaagga	aggaatggga	aaaggaaaat	tcattctgca	60
agaacagtag	aatcctactt	tggccccacc	ttattttatt	tgctacttga	cctcagttat	120
cacatctttc	tgaccttggg	ttgtctgttag	gtttattgtt	aaaacataca	ctaaatagtt	180
tatattttta	cttgtaattg	ttgtctagct	ctggacaatt	ggagggccgg	gggggtgctc	240
tcctatttag	agaacacggg	aatacgccgg	gcgcgttggc	tcacgcctgt	aatcccagca	300
ctttgggagg	ccgaggcggg	cggatcacga	ggtcaggaga	tcgagaccat	cccggct	357

<210> 887

<211> 357

<212> DNA

<213> Homo sapiens

<400> 887

aggagaatca	cttgaacccg	ggaggtggag	gctgcagtga	gctgagatcg	tgccactgca	60
ctccagcctg	ggcaacagag	caggactccg	tctcaaataa	taataataaa	acgtatatca	120
ctaataacaa	atagatgaga	tttaatctct	ttagatggga	acaatccaat	aaagtcctac	180
aataatatag	ggcaataaat	tttggagagc	tttaattact	gtgcaagaaa	aatattctag	240
ttgaaatgaa	gagtcctcct	ggcctgtttc	cgcacagcag	agcaaaccgt	cttctccatt	300
cacatttctt	ggagttaaga	gcctggccta	tgctgggcgt	ggtggctcac	acctgtg	357

<210> 888

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 888

ggggtttcac	catgctggcc	agggtagtct	caaacttctg	acctcaagtg	atccaccgcg	60
ctcagcctcc	caacgtgctg	ggattacagg	catgagccac	cacgcccagc	ccctccctct	120
attttataga	catggaaaca	gaggcatggg	ggaagttaag	tgatttttga	tacactgcta	180
aaaaccagtg	tatctcaa	gcagtggaaa	catggccttg	cctcacagga	ttaggactaa	240
atgaagtga	ggatgtaa	aggctagctc	aggcccagca	catattaggc	actcaagaag	300
ggcaggtcct	ccctccttct	ggeatagggg	aatgaaagat	gaggtgaggg	agggacn	357

<210> 889

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 889

ctgggaatac	aactgttcca	gcaaaaagggc	ccctgtcttg	ggaaggccca	ggctgaggag	60
gggaggatgg	cccgaacctta	tgggacatag	tcagagacta	tgctttcaag	cctccatggc	120
ctcccttgca	cggcagagaa	gtgggtatag	aaagtatgg	cagggagccc	agtggagacg	180
gagctggcca	gccaggaagg	acctangtat	tctgggcagg	agggtgagaa	gggctccctc	240



ctccaggcct gcccaggccg cctcctgctc caagctccgc tagctgcccc gggctccgct	300
agctgccctg ttccccgcac caccac	326

<210> 890  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 890	
atagatgaga tttaatctct ttagatggga acaatccaat aaagtcctac aataatatag	60
ggcaataaat ttgggagagc ttttaattact gtgcaagaaa aatattctag ttgaaatgaa	120
gagctctcctt ggctgtttc cgcacagcag agcaaaccgt cttctccatt cacatttctt	180
ggagtttaaga gcctggccta ggctgggcgt ggtgggtcac acctgtaatt ccaacacttt	240
ggggggccaa agggggtgga tcacctgagg tcaggagttt gagatcagcc tgggcaacac	300
agtgaacccc tgtctctaca aaaaatacaa atattagcca cgtgtggtga cacacgcctg	360

<210> 891  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<400> 891	
tacgtgtta tattacaaca caaggggaac tggctttctt tgattagata actccatgcc	60
atatctaatt tttaaagtc ttgcatccac acttatcaca ccaaaataact ttaacattct	120
ttaagtctta attcttatct cctcaagggt ttgctgggaaa gagggacagg aataaccttt	180
cacctttgtc tctgatgaca gtcagcgcaa aactacttta tcatcccagc aggggaaggcc	240
aatacattcc cagcaagtat aatttctacc agaacaactc atgaaatgtg gtaagaaata	300
gtgtgcgggc gacttaagat aatacttttt aaaaaaaaaat agagaacaca gttttaaaaa	360
tctttctttt taaaacgaga tctg	384

<210> 892  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 892	
attcctacca agtgacaaaa aaatctcaag agagttatca agagagggaa aaagagagaa	60
aacactaatc agcagtgaac caattcctct catatgtatg taaatagata aatcagtgtg	120
taatgttaaa taatgatgca gcaattaaaa aatttaaaaa tagtctggga ccaaaagaag	180
taggggattt tgtcaaattc aataaattga ggtaggaaaa ggaataaaaa agtaaaaaacc	240
ttttccaaag gtaattttaga gtgaagcagt aaagatattt tacaagtttc atcttttggg	300
cctgagggaa ggcacatttg tggaggagaa atggtggctt gtgttgtttc atgta	355

<210> 893  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 893	
tagaagcatt tgtgccttga aataaatctc tctttgggga atgagttata tatacatccg	60
tgtgggggga cctatgcaca catactcaca cgcgcatata tattatgcat tacagacaaa	120
atacatgggc aaatcccca gcaaggcagcc ccgagcttct gggagggaag gtgatccgcc	180
tgtagcttc aaaggacatt taaagaatag tgggaaggcc atgcgcggtc gttttttttg	240
acctgggccc atttgtgagc gcgaagcgtg atttattctt cttacgtatg aggtggtctt	300
cgcaccttg ggcacaccgt cttatgtttc tgccgtttcg ctttcccgtg tatcttcg	358

<210> 894

<211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 894  
 ggtgcacatt attgaactcc tactgtatac taggatgaac aggagccagt ctttgccctt 60  
 gggaggccca ggagggtgatg aggaggacag acgagaaaca tgtatTTTTT tttAACCTTA 120  
 aaatctttta tcacttcaac atgtagattt caacattaaa agcgtccctg ctgggcaaca 180  
 agcagagtgc acagggttcct ggcagggcta agttcttggc gcatagccta caggggttga 240  
 ggtcagaggc tgctgggagt cagcaagcac ttgtaattcg cagtgcctcc cctgcccact 300  
 cagggagggtg atgctggctg gctttaggga cccttcaggt ggggcagaac ccagg 355

<210> 895  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 895  
 gacatgatga aggcaggggc ccaagggagg aggctgtgag gctgtgagge tcaagctgga 60  
 gtcttgtttc ctgcggtgcc tcaaccagga cccctgctcc tctcctccgg ctccagcaca 120  
 acgaagcctc cttcatttaag taaacagttc cttaatgaat aaaggaaatg ggataaggaa 180  
 aaagaaacaa gaagaaaaac agacagaggt gcttttgcca ggcattttaga ctgattttcc 240  
 cgttttaattc tcccaacctc cagaaatgaa ggttattcca gtctttgtca gagagggtgga 300  
 gcatcttgct gcagatccca cagcttgaaa a 331

<210> 896  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 896  
 cgttgctgtc gggacaacct tcattttaaag gcactttggc ctttggccag agttcagcgg 60  
 gccacactca ggctggatgg gctgcagggc tgcaaatttg aaacagcaac aggtgctgac 120  
 aggccgagca gctggggaga gactggcaca aaggagtgca catgccctgg cccaaaggcg 180  
 caccacctc ccagctacag gggactgtgg accctaagtt aagggcgcct ttaaattattc 240  
 attctcggac ctcatTTTtg attcattatt ttatattcat ttccttaacc agggcctcac 300  
 aaatggatc agtttaggcc ctagaaagcc tgggccctgg ggctgggcgc ggtggctcat 360  
 gcctgtggtc ccagcacttt g 381

<210> 897  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 897  
 tgggagagag ccatggtaga agtggatctt tcagccccgt caagtcttta catgactgca 60  
 tccctggtea acatcttgac agcaacctca aagaccttga gcctgaacca cctagccaag 120  
 ttactctaca attcctaaac caaaaaacg atgagatagt aaatgtttac tgctttaagt 180  
 tgctaatttt ggggataatg tgttacacaa caataaataa tacattaacc tgttatgggg 240  
 ttgaattgtc tccccaaaat gtgtgggtgaa ttcctatacc caagtacctc agaatgtgac 300  
 cttatttgga aataggatcg atgcacatgc aatgatttaa gatgcagtca tag 353

<210> 898  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 898  
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aggtggcacc accccaccat agaaggttac cagcagcagc taccacatg tgcctgccct 180  
tggccttata gccagcccca cctcaccaga gagagttgtg cacaactgtt ggacatttac 240  
ccaaccctgg tttgacagcc agcttggaga tggccctgca ccacaggaag ggatcttgtg 300  
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<210> 899

<211> 327

<212> DNA

<213> Homo sapiens

<400> 899  
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atggctcttg gtgcaaatgt gtatttatgt aatagttaga aattaaacat cagcaccaac 180  
agaaaaatat tcaacgccct ttattaaaca tcaaaact ttgtcaatgg gaaaagctgc 240  
cccaactgtt ttagatctta cctctcaaca ttgttgtcaa agtacctttc cactctctgg 300  
tagtgtcttt gagagggttt gtctatt 327

<210> 900

<211> 381

<212> DNA

<213> Homo sapiens

<400> 900  
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tcccagaggg gctgctccgc cagcgggtaca gagaggagaa gaccctggaa gagcggcggt 180  
gggagaggct ggagttcctt cagaggaaga aagcattcct gcggcatgtg aggaggagac 240  
accgcgatca catggccccc tatgctgttg ggagggaagc cagaatctcc ccattagggg 300  
acagaagtca gaatcgattc cgatgtgaat gtcgatactg ccagagccac aggcccgat 360  
cttctctggga tccctggggg g 381

<210> 901

<211> 351

<212> DNA

<213> Homo sapiens

<400> 901  
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atcttgcaaa gactcaacag aacctgggca taaacccaga cttgagcaaa cactaagaca 180  
atggctcctg caagaactgt ctctctcaa tatttgaggt atgtcagata cagcagtgcc 240  
tttcagaatg tgcctaacat ccctaaagaa tttgaatatg ccactctttt tttctgattt 300  
aaaattttct tactgttgca aattaagaaa ttaaaaagat gtttaagatt t 351

<210> 902

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

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<223> n = A,T,C or G



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ctggcctaca	gaactatatg	cggtggccct	ggttgttttt	ttgttaccag	atacatagca	300
acttatcttg	tgtactttgt	cggctctctg	tagtgaaaca	tgggatttat	tcctaattta	360

<210> 907  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(382)  
 <223> n = A,T,C or G

<400> 907						
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atgcgggtct	ctgctcacct	gggtaggctg	tggggcgggg	ctaggggaag	gtgagcgccc	180
gctcctcttg	cccgggatcc	ctggccctgg	ttcggtcagt	ctcttggtgc	tggggctggg	240
aggtgcgggg	tcgtcgactt	gctggaccgt	tggactctgg	cccagagacc	cgcccccgct	300
acgtggcaag	tctgcgtgga	aaggacaggt	gaggccccgc	ccctctgtgg	ttggttcacc	360
gtgggcgagg	acacaggtga	an				382

<210> 908  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 908						
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acctcccggc	cccctgctgc	tcttaccctc	gtgccccctt	cccaggggga	cctctcccat	180
cctcctcgaa	agaaggaccg	aaagaaccga	aagttggggc	caggagctgg	ggctggcttt	240
ggggtgcttc	ggaggcctcg	gccaaactct	ggggatgggg	aaaagagatc	tcgaatcaag	300
aagagcaaga	agcgggaagt	aaaaaaggca	gaacgggggg	atagactccc	acctcctggg	360
cctccccagg	cacccccag	t				381

<210> 909  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 909						
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gtccccgcct	tgcaaacctt	tccgattgca	actccatctc	cacctcccc	tgccacagag	180
gggagacctg	agccccctc	ccttcctcc	ccccttggtg	gtcgggtggg	gacattagaa	240
aggagggacc	ccccaccctc	aacatctgag	gaggggattc	tggaactgaa	tggggcttcg	300
ggagtatgag	taccaggggc	ttcatgcccc	gcgggcctgg	ggtcccggga	gggattgcac	360
aattgagagt	gacgcacgag					380

<210> 910  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 910

gaggagagtc	actacagaca	ccaagaatcc	attcaggcat	gtctttaact	tctacttccc	60
ggtagtgct	gccacaattt	tatcccttag	aaccacagaac	agctgggagc	agataaaatc	120
ttcttgggtt	atgagttccc	agatgatgct	gctggcctgc	ggactgtact	ttgtgaactt	180
atgctggagc	agatggatca	gaaaccccg	ccagaggatg	ctcaggaccc	atcaagcccc	240
cgcgaggaag	gactcagacc	cccaacccca	ccaaattaaa	gcaggcaatg	gagaattata	300
ctgaagggat	tcttcggctg	ggcaaaaaca	tgattagatc	tgcattctaa	agaa	354

<210> 911  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(333)  
 <223> n = A,T,C or G

<400> 911						
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gcagactaca	aatctgatga	aagctatact	ccaagcaaga	cctcagtcag	agtaggaaat	120
aattttcaca	accttcaaga	aattcgga	cttgagttgg	tggaaccaag	ttgctggatt	180
catgttcct	taactgacaa	tcataagaag	ccaactcgta	cattcatgat	acagaatgct	240
gttctagcca	atcaccagaa	tggaagagac	acccatatga	gacaaattta	aatatacaca	300
ccaggtagaa	gagagctcca	ttggtaaatt	tcn			333

<210> 912  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 912						
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gaagccaaga	tgcccaggtt	tggacatggc	acctttctgc	tgtgcctgga	aaccatttac	120
cagaaagtga	cgggcaagga	gctgagatac	gagggcctga	tgggcaaacc	cagcatcctc	180
acttaccagt	atgccgagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggcccgc	240
cccacccgga	agctctatgc	tgtgggtgat	aaccctatgt	ctgacgtata	cggcgccaac	300
ctgttcacc	agtacctgca	gaaggcaacg	catgatgggg	cgccagaact	aggggcccgg	360
ggcacacggg	agcaacagcc	ctcacg				386

<210> 913  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 913						
acagaaccac	ttcaactcct	tctttctctc	caagtgtaca	caatgtgaca	gggactgttt	60
ctcagaagac	atctccttca	ggtgaaacag	ctacctcatc	cctctgtagt	ggcacaaaaca	120
catccatgat	gacatcagag	aagataacag	tgacaacctc	cacaggctcc	actcttgga	180
accagggga	gacatcatca	gtacctgtta	ctggaagtct	tatgccagtc	acctcagcag	240
cctta						245

<210> 914  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(380)  
 <223> n = A,T,C or G

<400> 914  
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 ttcccggagg aaatgacaat tacctgacga tcacagggcc ttcgcacccc ttcctgtcag 120  
 gggccgagac attccatata ccaagcttgg gtgatgagga atttgaaatc ccacctatct 180  
 ccttggtatc tgatccctca ttggctgtct cagatgtggg tggccacttt gatgacctgg 240  
 cagacccttc ctcttcacag gatggcagtt tttcagccca gtatggggtc cagacattgg 300  
 acatgcctgt gggcatgacc catggcttga tggagcaggg cgggggggctc ctgagtgggg 360  
 gcttgaccat ggacttggan 380

<210> 915  
 <211> 164  
 <212> DNA  
 <213> Homo sapiens

<400> 915  
 cactgctttg taagtctttt cttatttttt catatgtaca tttgactttt ccagctaggg 60  
 tgtaagtcc ctaagggcag ggtgcatatt ttccatatgt tttggcacct atactaggcc 120  
 tgggtatata ggaagcaatt aataatattt gttaaggctg gggg 164

<210> 916  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 916  
 agctgggact acaggcgccc accaccacgc ctggctaatt tttttgtgtt tttagtaggg 60  
 acgggggtttc actgtgttga ccaggatgat ctccatcttc tgacctcgtg atccacccac 120  
 ctccggcctcc caaagtgtct ggattacagg cataaaccat aaaccactgt gcccggcctc 180  
 tttttttttt ttttattcca tggagggacc tctcttttta ccaaaaattc cccccactgt 240  
 tgtcctgttc tattttttgtg aactccctg atctcgtgtc gctcgcgtta tcccccgccc 300  
 cctgttttta attttttttg tagactccgc ctcccccctc cccg 344

<210> 917  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(346)  
 <223> n = A,T,C or G

<400> 917  
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 cttcacagtg aaaatagata ggaagagcca cctcgcctgg cccgatattt gtttttaaaa 180  
 ggctgggcat ggcttatgcc tgtaatggta gcacttcggg aggccgaagt aggaggatca 240  
 cttgagacaa ggagtttgag actagactgg gcaacatagt gagagcccat ctctacagaa 300  
 aaattttgta gggccgggag cgngggctca tgccgtaat cttagn 346

<210> 918  
 <211> 345  
 <212> DNA

<213> Homo sapiens

<400> 918

gacaactgac	tgaaatttaa	aaataacttcc	caagtcacaca	tacagaccca	tgagccgagg	60
aggaagaatt	ataggctcaa	agtgtctgag	tacaatctct	aacaaatcat	cagctgacca	120
ctaagctata	tagatataga	tgttaccct	gagaaccctg	gatgaaaaaa	taacaataac	180
tgagcagaga	catcagcagc	cacaaatcac	aggaaagaaa	gtttctaaag	ggctaaatca	240
tccaagcaga	caaaatatta	ccatcaacaa	ccagcagggg	aaaaaatca	tcataatcca	300
gcgtagttaa	aatattattt	atcgtgtcca	gtgttcagg	aaaat		345

<210> 919

<211> 294

<212> DNA

<213> Homo sapiens

<400> 919

gctccccacc	cattcttcac	tgaacctcct	gtctccagcct	ctgcctcctc	cattttgatg	60
tctagaatca	ggggatccag	gatcatcacc	aaggctcattt	tcccagacag	atgtgctgag	120
gctgtagaaa	gtgcttttta	tttggttggg	agcttggtgca	taaatgagag	aggggctgca	180
catctgacgg	actatagggtg	actcatgggt	gaaccggaac	aggacatcgg	ggagaagcca	240
gcagtcagaa	ttcagaaccc	caaagaaaat	gacttcattg	aaattgaact	gaag	294

<210> 920

<211> 375

<212> DNA

<213> Homo sapiens

<400> 920

tacggttgct	agaattcgac	agaaagggct	acaaaataat	caaaacaaat	cataataaaa	60
acggaagaaa	aaaatatttc	agcgttcctt	agactcttac	aatgtaattc	aaactgagtt	120
gtaatttcaa	tacacttctt	ctgttaatga	atgtgcagat	aactggttta	attttccatt	180
caataaattt	ttcttataaa	gatgaaggaa	ggccatgcgt	ggtggctcac	acctgtaatc	240
ccagcacttt	gggaggccga	ggcgggtgga	tcacgaggtc	aagagttcga	gaccagcctg	300
gccaatatgg	tgaaccccg	tctctactaa	aaatacaaaa	attagcttgg	cgtgggtggcg	360
tgcgccctgta	gtccc					375

<210> 921

<211> 351

<212> DNA

<213> Homo sapiens

<400> 921

cagcacacaa	acagtggctt	atccagggtcc	atcatattat	tacaaaatta	ctattatcac	60
tattatgtaa	taactgtttg	cttaaaacta	ttttgctttc	aatgtatttg	aaacactttg	120
cttatctaac	acattaaagc	tataaaagtc	tataactttc	ctctccattt	cacaagacag	180
aagataagct	cagaagactg	gacctatgtt	gaatggtttg	gctaggatga	cagagtcagt	240
atgaggaaga	tcttgacct	aagtcttctc	tttatgtcac	tcttttatca	ctctgcattg	300
tcagttgtac	atacacatta	aattgagtgg	tgacaatttg	ttaggagata	a	351

<210> 922

<211> 322

<212> DNA

<213> Homo sapiens

<400> 922

agctatatat	atacaacctg	caacaggagg	gtcgtagaac	ccagaagcat	tagtcctgga	60
ggacttcctg	aaagaggtga	gttttggcta	agatcctgtc	aatgatgctg	gcatagacta	120



taagagagga	ggctgggcac	agtggctcat	gcctgtaatc	ccagcacttt	gagaggccaa	180
ggcaggcgga	tcacctgagg	tcaggagttc	gagaccaggc	tggccaacat	gaggaaacgc	240
tatctctact	aaaaataaaa	aaattagcca	ggcgtggtgg	tggacactta	taatcccaga	300
tactcgggag	gctgaggtag	ga				322

<210> 923  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 923						60
gggacaaaga	gctacctggc	ctgtaatgtc	gatctttggt	gattgagaga	cccctgcgcc	120
caaagacatc	cctaaccctc	aggatttaat	cctcttcagt	caaacgtttc	cttaacccta	180
tcagcccatg	tttttctttt	cttggtgaaa	gctgagcact	tcataggctg	tttacaggtc	240
cttctccaca	ggaaaatact	tcctccagga	caagaaccct	gtcttggttc	caaactttcc	300
caattataag	agtcaccttt	gcgcttggtt	aacctgcttc	caggtgcttc	tcctgagggg	349
ttctgattca	gctagactgg	agggggggaa	ctgacgaggt	gggtgggtt		

<210> 924  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 924						60
aagacttcct	ctaaaagtga	actagcccaa	cctcgggtga	cccacctcga	agtctctttt	120
atatgttgag	tttctaatta	ttgatgctag	taccataaaa	tgaggataca	attatcatgg	180
cagccatgag	tgaaattttt	gtagaacagg	atattattaat	catctgtttt	actgttcaaa	240
aatctattag	ctaggacttt	ctgccatgtg	tataagcctg	atgtgtggaa	taagagaagt	300
ttggaagagt	cactatatag	gaatcttctt	tttaagaggg	catatgtttc	taatacaggg	323
attttagctg	tattattttg	gtc				

<210> 925  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 925						60
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tatctgcttt	gtttttttatt	cagtgcacgc	tacgttgaaa	aaagtagtta	ctttctgata	240
gattccagta	ttcacaggat	ttaaagcaata	aaaaattagc	aatattttta	ttgaatgctg	300
tcattttaca	aaataagaca	ttgaggtgca	cattatgggc	tagtttgggg	gaaaacggga	349
cttaaacaaa	ataagaaggg	ctggactggt	cattgggaat	aataaaaaa		

<210> 926  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 926						60
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aaaaaacctt	ggagggggtg	gaaaaaccca	aacaaaaaag	gcgggaaaaa	aaacccttaa	

tttgaaaaat	tgggaagcca	atgggtttaat	tggaaaccaat	aaaaaccgga	aaaaaacagg	180
taaaaaccac	cattggcttt	tttttaattt	taaagggtcaa	ggggggggggg	gggaggggtt	240
taancannnn	caaccanaaa	aatngaggtt	ctcattagcc	gtgattttat	ttt	293

<210> 927

<211> 344

<212> DNA

<213> Homo sapiens

<400> 927

attatatttt	taatttactg	tggatgacta	acacttatta	gtattctttt	ctgctgccac	60
gaacactgaa	agcttctttc	tgtctgggtc	ttggcaaagt	atgaaagtaa	ataattcttt	120
aaaatataca	tagtcagtc	aagaaaaatcg	ggagacctca	attgagtttg	gagtcactga	180
tgtacttcac	atttacctta	gaaaactgat	ctagagtatc	aaagaaatta	aaaataatta	240
atttttagaa	tcacaatgca	gtataaatca	ttcaaccaa	ctccacactc	tagatggcca	300
ttaatttgca	agtgaagtag	gtcactggga	ctcttaatat	atag		344

<210> 928

<211> 346

<212> DNA

<213> Homo sapiens

<400> 928

gttgcagtga	gccgagatca	tgtcactgca	ctccagcctg	ggcaacagag	caagacactg	60
tctgcaaaaa	aaaagaaaga	aaaaaaagaa	aacttgtaaa	agtaacaaat	gcattccact	120
ggattgctgg	tcattgttca	atgctcttat	aaaccaaagt	tatctacatt	ccttaaatta	180
acatttggat	agaaaactgag	caaataaaaag	gaattactgt	cattgtcatc	aatttcacat	240
tttaaaaaag	aaatttgaca	attactatat	tctctatatt	tttcaagaat	aatgaatttg	300
gagccgggca	tgggtggctca	tgccgtgaat	cccaacactt	tgggag		346

<210> 929

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 929

ccctattcgg	aaaaaaaccc	aaactggaaa	aaaaccttgg	gggggggttg	tccccccccc	60
cccaaaatgg	gggggaaaaa	ttgctttttt	tggaaaaccc	ccaatgaaat	gggtttaaaa	120
aaaacccttt	tttggggaaa	ttagaaaagg	tacccttat	tttggccctt	ttttattttg	180
caaaaaacag	ggggggggggg	gggtgctttt	tttttttttt	ttaggtttcg	ggggggggggg	240
ggggagtttt	ttnnnnnnag	anncnccng	acatttctat	ctatactatt	g	291

<210> 930

<211> 374

<212> DNA

<213> Homo sapiens

<400> 930

tacggctgct	agaatacgac	agaaggggtg	caatggaaac	agagcgaacc	agtattgggtg	60
ttgggttaga	tgaggcccta	acaagaagt	taaaggggta	ggctgtcatc	atcttaaaga	120
catttggttc	ttactctgtc	tccactgaag	cttgcgagg	actgatgttg	gcaaaacaaa	180
tctggtcagg	caagcaaggt	tatatataac	aattagaaga	ggtcaaccag	gggttttattt	240

caaaaaacaaa tattttactgc acacccacat catgtcagac atggtactaa acagataaaa 300  
 cacataagca gacatgggcc ctgctcttat agagcttcca ggaagcttat gaatttaac 360  
 aaagactcaa gccc 374

<210> 931  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 931  
 cggggctcac tgtgaacgaa ccaactcatcc caagcgccgt gaagaacact gatattctgag 60  
 aacctctgtg atgctctggc tttatctggg ccccttatca tctgaaatgc ttatgttacc 120  
 cgctccagtt gccttcatac tatgtatgca gggcagggtc aacatacgca aagtcaataa 180  
 atgtaaccca tcacataaac agagccaatg accaaaacca catgattatc tccatagatg 240  
 cagaaaaggc ctttgataaa attcaacaca acttcatgct aaaaactctc aataaactag 300  
 gtattgatgg aatgcacctc aaaataataa gaggtattca tgacaaa 347

<210> 932  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(351)  
 <223> n = A,T,C or G

<400> 932  
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 taatctgtga gttttctttc taaaaacata ttctatattc ccgttcaaga gtggagctaa 180  
 cttcacagga tttgggaaaa ttctgattat tctagcccat acacagaatg cccaggacaa 240  
 ggaagacacc acttctctga ggaattgtgc caagaatata agtcgggtgaa gtcagcatgc 300  
 acatgttgaa tgtttacaat gtgccaggta ctttcatata ctattctatt n 351

<210> 933  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(374)  
 <223> n = A,T,C or G

<400> 933  
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 tacctttgac tggaattaca cacacacaca cacacacaca catacatata cacacacaca 120  
 tacacacaca cacactatgg ctttccacaca aagccatgat gcctccttaa aaataacaca 180  
 cagctctgaa aagtgaatgt cgggggtgaa gagagccctc ctacactcct tttcctagtg 240  
 atgacaaggt tgtgggggca tggctgactg tgaggagcan aagatgagag ggagatatca 300  
 ttttacttct ttgactgcn ataataaaaa gaacagatat aatggaagga agaggccagg 360  
 ggcagtggct tata 374

<210> 934  
 <211> 344  
 <212> DNA

<213> Homo sapiens

<400> 934  
tatattaatc tagtctatct tagaacaagt taaatagtat atgtacttgt aataacttgt 60  
gcctacatat gttagttttg tctattaatt tttctgttaa aaagaatatg cattgaaatg 120  
agatggaaaa caaaatgaag agtgcttaaa aaattaaata ttttagaagg atcaatatcc 180  
taagggttgt gggtaatttt ttcctacttt ctaaaacttc agattccttt cactcactta 240  
aggttgact accattaatg caatgttttc tgggagtgcg agatttgcaa atgaattaat 300  
aacagctaga agcctcacta tttgcacttt tataacattc ttg 344

<210> 935

<211> 351

<212> DNA

<213> Homo sapiens

<400> 935  
tagcagtagt agtagctacc tcaaaggact gtagtgagga gtaaagttac atacaaagca 60  
cacagaactg cacctagctc agagtatgta taataaaagt attagctaatt attactgtag 120  
tggaaaactc ccttaattca agtgattgta ccttttttac tcaaatacct cctcctcacc 180  
ctgcatctcc tgtggctcca tgaaatcaag gccctgcccc gaacagctctc tgtgccaaga 240  
cagcttttag ctacccaca ccactttatt tacagataaa ttctgacata cagatgtggg 300  
tttcaacctt ggttcctgtg tctcaacca aaagataagc ttttcagggg g 351

<210> 936

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 936  
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ggttcaagca attgtcctgc ctcagcctcc caagtagctg ggactatagg catgtgccac 120  
catacctggc taattttttt tatttttagt agagacagga ttcaactatg ttggccaggc 180  
tggnnntnaa ctctgcacct cangnnnacc ctntnaccoc cctccctctc tttttttcac 240  
cacaatttac tctcaccatt cccctccttt taaatataca aaacaaaaat ctcaactccc 300  
cttaaccaat ccatttcctt tcaattaata aattgccaac aaccc 345

<210> 937

<211> 273

<212> DNA

<213> Homo sapiens

<400> 937  
agaagggttt catatgggga tgaggagatg tagtttttat cttttttctg taagaaattg 60  
gtggccttca ggttttttct tacttcttaa tgtggagtgg tcttatcgtg gtctttttct 120  
ctggtcacat atttatactt tttgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg 180  
tgtgtgagac aagggtctct ctctgttccc caggctggag cgcaggggtg tgatctcata 240  
ttgtgcaacc tctgactccc aggttcagag tgg 273

<210> 938

<211> 345

<212> DNA

<213> Homo sapiens



$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

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<400> 946
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ttttttctgt tttctgtttt ttttgttgcc atttcttctt tagtaaaatg aaaattgcaa      120
gtagaaaaga aactaaaaat ggatttagtg tgaggacagg ttctttttcc tggcaggatt      180
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gtagaacact	ggtattcagt	tgactgttta	caatgaatat	atcttctggt	tggtcatggc	240
cagaagagaa	aatgtcattg	gtttgtgccc	aagcaaattg	attattaaaa	tacgttgaat	300
atgaccccat	ggttgcaaac	atcccttttc	ttagtaattc	ttagaga		347

<210> 947  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 947						
tttggatttg	ccgttattat	tgttgttaaa	ctgactaaaa	tcatacatgg	aataatagaa	60
atcaggccta	acatcagata	gacttttcca	ttcagttaag	ttattgtgta	gcaaaattta	120
ttttgtcagt	tcactacaca	atgtgacagt	atatagtttc	tctaatagag	taacattaaa	180
gaggacatat	aataataacca	aaaatttgag	ttccagataa	gtttggtgtc	tcactagcaa	240
gatgacgtta	aataactcat	ttaatttttt	tgaaatctta	attttctggt	ctgtaaaata	300
aaaagcaatc	tgtctcttgt	ccaaaagact	atgtaggttt	tttaa		345

<210> 948  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(348)  
 <223> n = A,T,C or G

<400> 948						
ggaaacgtgg	aatttttacag	ttacagttcc	attgagtcaa	atcccatttt	atatatacat	60
aaaaaattaag	ttctgagtga	gttctagcta	aatataagtg	cgactgtaaa	cgcagccaat	120
ttttttaagc	agaatatgag	aacacctaag	tattctcttc	atagcagttc	ctataaaggg	180
attaaacact	tatttctgtg	ttatggntct	tattcatata	tttttatagc	accttttttt	240
ggaacctata	tttgtgcttg	aagggtgttt	tgatatattg	aaacagtata	agccatttgg	300
agtcatgatt	ggtgggcaag	tggattcaag	ctaaaatact	aagaccan		348

<210> 949  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 949						
gtcatcaaca	tcctcattgt	catggcaaat	tgtgagttta	tctttgccag	cgtcagatag	60
ttcatcaact	tccttttagc	cagattgcaa	aaagtcccat	gactctattt	ccaactccaa	120
tgccatctga	catgagacaa	aatcagagta	gattaagata	gtggtcttaa	ctgaatgtag	180
ataaagtatg	ctacttgtgc	aaatttttca	gaaatatatg	accatatgaa	catggtgctg	240
aggccttgcc	aggccttgaa	aggggcctgt	gcaagtgagg	ggcacagaga	ttaagtttta	300
ttagcttctc	agagattc					318

<210> 950  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(351)  
 <223> n = A,T,C or G

<400> 950  
 cggggagcca ctttgacaac gtcctgtgc catgctgac catgacctgc tgataaggat 60  
 ggacatcctg cctagtactc aagctgctgc ctttactgct ggtaggagtc gttctcactg 120  
 cgacacctgc taattgtcat attatttaga ggaagaccaa ttgtctcaa agcccatctc 180  
 ttgctttgag tgggtggtcc cacgaattat aggagcaggt ctgatggcca ttccagcaac 240  
 aacaatgtcc ttgacagcaa gaaaaagagc gtgctgcaac aacagaactg gaatgtttct 300  
 ttcatacatt ttcagtgtga tcacagtcac tgggtgctctg tattgcatgc n 351

<210> 951  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 951  
 tgatactgag aaacaagtaa tgaagcttaa aagtgtgct tgtgctctgt gccaaaggca 60  
 gcagagcact tgtctctggt ctccatatac acttgacata ttacacctca gtattctgag 120  
 gaagattttg attcatttca cacggaataa cactcaccta ccatgcttaa attaccgtac 180  
 atattgtgag actttattga tcataaataa gttactctca accttgagat ctgggttcaa 240  
 ttttctggat tctcattctt tctcctttat atcagaagct tcataataga caatggggggc 300  
 aaatatggtg tggagaaata atcagtttat atttagatat ttttaatg 348

<210> 952  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 952  
 ggacctgtcc cctggggctg ggtcctcact gcttccctgg gactggctgt gtaggggttg 60  
 atgtgggcag tcagaggggg tagggagaga agggtttggt gtattgcaca cacaccaaca 120  
 ctactcaga catgatccat gcacacacac acacttgagc atgatgcgca catatatacc 180  
 acacaaatat acaccatgtg cacacacacc acacacacat ataccatgca cacacaaaca 240  
 caaagacaca tcatgtacac agacactcaa acatatgccg tgcatacaca tacacatcac 300  
 acactcaaat atacaccatg ttca 324

<210> 953  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 953  
 cgttgtctgtc ggccgggatg ggatgtggcg cctttttccg ctgcacctcg cgcccccccc 60  
 gccccgcgca gctaaattcc ggccggagggg cgagctggca ggccggctcc tcccactctg 120  
 ggcagcgggg tcccgcgtcc cctccccac tatttgagc cgtctggggg tctggggcag 180  
 cttcgttcat tcacccgggg gagttgggtt tccgggaagg gtcggaagct cctccctcgc 240  
 ttctggagg gtaatggggg ggtgcctttg actccggggg tggaaaagcg accccacatt 300  
 caaggacgcc aatggcatgt tgagctttcc caatctaaac caggtgcgtg gagggagca 360  
 agtgcttact ccc 373

<210> 954  
 <211> 379  
 <212> DNA  
 <213> Homo sapiens

<400> 954  
 cgttgtctgtc gaaagacttg gagaagattg ctcccaaaga gaaaggcatt actgctatgt 60  
 cagtaaaaga agtccttcaa agcttagttg atgatggat ggttgactgt gagaggatcg 120



gaacttctaa	ttattattgg	gcttttccaa	gtaaagctct	tcatgcaagg	aaacataagt	180
tggaggttct	ggaatctcag	ttgtctgagg	gaagtcaaaa	gcatgcaagc	ctacagaaaa	240
gcattgagaa	agctaaaatt	ggccgatgtg	aaacggaaga	gcgaaccagg	ctagcaaaaag	300
agctttcttc	acttcgagac	caaagggaac	agctaaaggc	agaagtagaa	aaatacaaaag	360
actgtgatcc	gcaagttgg					379

<210> 955  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 955						
ggtcggcgac	gcatcgcgcg	atggcgcggg	cgggacagtg	cttgtgaaac	tgaacacaaac	60
aaaagtatgg	atatgggaaa	ccaacatcct	tctattagta	ggcttcagga	aatccaaaag	120
gaagtaaaaa	gtgtagaaca	gcaagttatc	ggcttcagtg	gtctttcaga	tgacaagaat	180
tacaagaaac	tggagaggat	tctaacaaaa	cagctttttg	aaatagactc	tgtagatact	240
gaaggaaaag	gagatattca	gcaagctagg	aagcgggcag	cacaggagac	agaacgtctt	300
ctcaaagagt	tggagcagaa	tgcaaaccac	ccacaccgga	ttgaaat		347

<210> 956  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 956						
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caaactaaca	gaaaaattaa	tcttgactgc	aatagtaaata	tcctcttata	atttagtgcc	120
aagaaaaaga	aacttttcag	aaaacgtgaa	aaccacctct	gcttcctggg	ttcaagtgat	180
tctcctgctt	cagcctccca	agtagctggg	attacaggca	cgtgccacca	cgcccagcta	240
atttttgtat	ttttagaaga	ggacgggttt	naccatgttg	gccaggctgg	gttcgaattg	300
ctgacctcaa	gtgatccacc	cgctcgggcc	tcccaaa			337

<210> 957  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(339)  
 <223> n = A,T,C or G

<400> 957						
ggaaagctga	catcagttgt	ttccttactc	tatttcaagc	tttttttttt	tttaacacaa	60
ttaacggggg	ccatggaacc	ctggccaggg	cccttgaggg	ccgagggtct	tcagtggaaa	120
ccgagaaaac	taaggtttgc	aggcaggcgg	gggcctttcc	gaaggcccgg	gttggttttg	180
ccaaccaaat	ggggtttcaa	agaattggg	ggggaaggaa	agaaaacata	ggccttggac	240
cccaaatcaa	acaaaccgcc	aaatggaaaa	aggtttgggg	gccccccaga	cccttaaaaa	300
ccaattcaaa	aggttctaac	atggaatttt	aataacaan			339

<210> 958  
 <211> 206

<212> DNA  
<213> Homo sapiens

<400> 958  
cccagggacc acagtttggg tatgcttggc atagttgcta aaaatgtatt gaggatgata 60  
gttagcattt gtgcgcttta tctagccagg ctctctagct tttgtttttg aaacacgtat 120  
gcagtgggtt gtaacacaca ttgggatttt tcaaggacaa tttttaaaaa ttactgtttg 180  
ttggacaggc gcggtggctc atgcct 206

<210> 959  
<211> 338  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(338)  
<223> n = A,T,C or G

<400> 959  
gctgggcagg ggtaaagtaa ggtaaaatag agatcaggcc tgcagaatcc ctgcgaagac 60  
aaaaccactt agtgaactca acctttcttg atttgcaaac ctaaggaaaa cttaacttga 120  
gctaactctt acaaatgcct gtattacaga aaaacagagc ttaagctcaa ccaatcagag 180  
gtagccaaca aactttcata attaggaacc ttcataaggag atcaatcaaa taaggcaatt 240  
gtgtaattat atccaatcaa atgtttgctt tgctttacct ctgtttctgt cttataaagg 300  
cctccccata gattcccttg gtggagttcc tgaaccan 338

<210> 960  
<211> 343  
<212> DNA  
<213> Homo sapiens

<400> 960  
tctccaatga aggtactttt gctaagggtgt gtgaagatac ctgttgctgg gatcaggaga 60  
catgaaaaaa ctaagaaaaa aaatactgag aaaagttttc aatagctttg taagccttca 120  
gaatgtaaag tacattaaga aataaaaact taaatgcagt gggatcaaac atggcaaatac 180  
tgaaagctaa acctgactaa ggctatcaac ctgccatgtg ctaaaaaaca atgtactcac 240  
tcagaaaaac tgaaagaggt actacatacc tattaaaaca gctaaattta aacagtgata 300  
atactaaatg ccgacaagta tgcaaagaaa ctggacttct cat 343

<210> 961  
<211> 341  
<212> DNA  
<213> Homo sapiens

<400> 961  
tgcatccgga aggtggaggt tgcagtgagc tgaaatcaca ccattgcact ccagcctggg 60  
tgacagagtg agactctatc taacaaaaaa aagaaaagaa aaagaaaatt tcttttccta 120  
gtttatttga aattatttta ttaaaagggg atggagaatt aattgtatca tcaaaaaaat 180  
atcttttaaa aaaaaaggta tcacaggagc catccatctc aaaaaagcag ggaaaaaaa 240  
tatgagactt tcaatattaa aaatgaccaa atattaagat tggtttctct ctctttcttt 300  
tcattaactg acgctaacca ttagaggaga ggtgactcta g 341

<210> 962  
<211> 202  
<212> DNA  
<213> Homo sapiens

<400> 962  
 ttagatgatg gatatctaga ggtgtattat atcattggct ctattttgta tgtttgaagt 60  
 ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccca tcatgaaaat 120  
 ggataatcaa aaggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180  
 gcttagcttt actactaatt ct 202

<210> 963  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 963  
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 tgtggtgaac cttcaaacc cctaaaaaaaa agagaagatt tttttgttgg ttggtttctg 120  
 aaacagagcc taactttgcc gttcaggctg aaggactttg aacacttctg gtttttttta 180  
 aactgttacc accaggtgtc tacaactgct gacccactg tggtttaaat tctattcaaa 240  
 acagacatcg gaggtctctga ggctgatctc atgtgccccg tgagaacatt tggaatttga 300  
 ggaagaggag actggccttg gtatgccttg ccatcacct 339

<210> 964  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 964  
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 gactattcca ggtgcttttag gggttcagcca caacctatta taagtaatac ctattataag 120  
 tgggtgcttg taatagatat taccatatta tctaagcact cactttaata ctattgttc 180  
 tgggtccac ctgatgttat gatatgaatc tttttagcta tactctgac cagaagatca 240  
 catgattagc atcaatttct aaggacagta ataaacttga tagttctgag caaatacata 300  
 cactacagaa taggcattca acaaatttt attggctgcc ta 342

<210> 965  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 965  
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 gaggagatgg agggagcttt gtcccatttc tctctgagtc ttggcccat cttggaaacc 120  
 tggccccaga ctgccattct tgaatatgtg ataattactg ctataattgg tggagccct 180  
 gcaaggggct tcatactttg ctcacttaa ctttcacaa tactagaaga gcgaggccct 240  
 cttatctctg ctttcagatt aaggaaggga gatgcagggt gatgaaatca cttgtccagg 300  
 ctgggggca 309

<210> 966  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(336)  
 <223> n = A,T,C or G

<400> 966

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accttgtgat	ctgcctgcct	cggcctccca	acagagcagt	cctgatgagc	cctccccgta	120
agaaactgct	gaaatgttg	ggcggctgta	tgtttttggt	ataaggaaaa	ggtaacattt	180
gtggaaggca	gtacttcaca	gtgatacatt	taattggtgc	atattcaa	ctcaaatagag	240
attactagta	atctagagca	ggtgtttctt	atcccagaaa	gttcttaaag	ttctcagaat	300
tagttctctt	gagacaagag	ccatattttc	ctgtan			336

<400>	967						
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gggcagatga	ttcactgcag	aaatgcagcc	cagagatatic	tagaggctgg	ccatagcctc		180
cagactgtcc	tcctagcctc	tcggtctccc	ttcttcattc	tatatgatcc	atgtttcccc		240
atcggagaat	ctttgcattt	cagatagtga	aaggggcttc	agattttcta	gtgcaactgt		300
tttaacgggtg	aaagaaactaa	gcccccaaaa	gatgccatt				339

<400>	968						
ggacactgga	ccaaatgtct	gatcagctca	tcacattgtc	cacatgaaat	ggaccgtctt		60
cctcagttca	aaataatcaa	atgatagatg	gagaattctg	aaagttagga	gctacaacta		120
tttgaaataa	aactctagtt	acatatattga	accggtcaag	gtaggttggt	taaaagcagt		180
ttgttcacaa	acaggtatat	acacagtaga	gtaaaattgt	tatttttagca	aacgcttatt		240
tagctctaag	tgatttaaatg	agggttcctt	tcatgatact	taatagttat	aagaacattt		300
tttacgattt	tatagttaaa	catttccttt	gcataccttg				340

<400> 969						
cgattctcct	gcctcagcct	cccaagtagc	tgggactatt	tttgtatttt	tgtattttttc	60
taatttttgta	tttttagtag	agatgggggt	tcaccatgtt	ggccaggctg	ttctcaaact	120
cctgacctca	ggtgatccac	ccatctcgac	ctcccaaagt	gttgggctta	taggtgtgag	180
ccactgcacc	cgacgcgcct	catcatttta	tattaccctc	agcaacgtgt	gggggatgcc	240
ctgtttgcac	ttgtctatca	acactagata	cttgcttatt	ttattaacgc	tatatgagag	300
ggtcagggtg	accggcattt	ttaccgcgct	aagatcc			337

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<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G
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atagaacctt	cctttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttctt	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtgggtgg	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggg	ctgccagn			338

<210> 971  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 971						
gaataaatca	acatcagagt	tttataaatc	agagtgtctt	tgtactctac	aaattagtat	60
gcttaatata	caacttgaag	tccttcagag	aaaatattaa	acagaaatgc	cttctaccca	120
gagatatgaa	tgtgcctttg	caataataaa	gaagagacta	aaaattgtat	agcaatacct	180
agtatctgac	caatacatta	tttcacaaaa	ataataaagt	atcttgcatc	atacatggaa	240
gacagtgact	tattcctgaa	tctactatat	ctacagactt	tcttgtacca	aatatttact	300
ataagtacat	acaactatgg	aaaatgctat	gctatgcctt			340

<210> 972  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 972						
atttaccgat	aggtgtggga	gggcaaccaa	cattttatct	tatacccttt	tatgcttttt	60
gttgtttgaa	ctatgtccag	gtgttatatc	tattaaaata	gtatgaattc	aatggccttac	120
tctaaggaag	accatgatca	ccagcatatg	agaggcagac	gaaacgctat	ccacagcaag	180
atgaacacct	acacagcagg	gagaacatgg	gaggattcaa	ggtggttaaga	aaatttaata	240
caagtctagg	cctgggtgtg	cggtcacgc	ctgtaatccc	agcactttgg	gaggctgggg	300
cgggtagggtg	acctgaggtc	aggagccaag	accagcctgg	c		341

<210> 973  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 973						
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aagcccagtt	ttgaggtagg	gcgcagtggc	tcacgcctat	aatcccagca	ctttgggagg	180
ccaaggcggg	cagaacacga	ggtcaggaga	tcgagaccaa	cctgggtaac	atgggtgaaac	240
cccgtctcta	ctaaaaatac	aaaaaattaa	cctggcggtg	tggcgggcgc	ctgtagtccc	300
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<210> 974  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

<400> 974

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acaacactgg	gtccagagca	ggtcctcagt	agatgtttat	aaatatcagg	atgtattaca	180
tatattaact	ttttatgagt	agttattatt	tattatattc	cacttagata	tggaattatt	240
acttcaggtg	gtagctgact	tgtactggaa	aagtgactga	gcccactct	aatgctaata	300
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<210> 975

<211> 341

<212> DNA

<213> Homo sapiens

<400> 975

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aacttttct	catgtgagtt	ctggataatg	gactccgatt	tttttaaaaa	tggtaaaact	120
aattgaacat	atcagtcatt	tgtagttgga	gaaaaaattg	acttgctttc	tatatgttaa	180
gtctagacca	ttttgccctc	tttgtaaaat	gtgatttggt	tttgatatag	tttagtaatt	240
ttatgagcta	tttataaact	actgggaatg	atcagagaac	agggttcttt	tttttttttt	300
taaaagggtt	ttggcctggc	gcacaagctc	cacaccttaa	t		341

<210> 976

<211> 310

<212> DNA

<213> Homo sapiens

<400> 976

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tgagctttta	aaaaaatgta	tacaattttt	ttggcttttc	taattcatac	taatgattct	180
aaattacaaa	gagaagccat	tctgcttcag	attttggaag	tgagtctaata	gttaactaaa	240
aacctgtgac	ctgatgagga	ttttgataac	tcctctacca	tatttgttta	cctggctcta	300
tttcgaataa						310

<210> 977

<211> 342

<212> DNA

<213> Homo sapiens

<400> 977

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tcattaaata	gaaatagatt	cagaactttt	cacttttcag	tttggcagta	cgtgttgata	180
cagattagga	aatgtttcat	tttatggccc	tatataaaat	taagtgtttt	tttcaacttt	240
attgagggtat	cggtcacata	ctatacaatt	caccctttaa	aaatatataa	ttcagggccg	300
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<210> 978

<211> 339

<212> DNA

<213> Homo sapiens

<400> 978

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agttttatgc	cttactattt	tcttaaagat	acctgatacc	tgcaattctt	gggcatttgc	180
atattgctgt	ttgatgcctc	ctgtccccaa	acagcactta	gctttttgtg	tttatttttt	240
aggtcaattg	cctcttactg	atgtgttttc	cagtttctaa	aacttgctgt	attatgggag	300

agagttgaga taaatgcaaa tactcagaag tattttgtg

339

<210> 979

<211> 231

<212> DNA

<213> Homo sapiens

<400> 979

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tagaattttg	aatacaatga	gccaaatttc	tttactatta	gaggattttg	ctgaatgggt	120
aaaatcaatg	caaaatgagg	aatcaaagtt	tttgattagg	tattacacat	gaaaccagga	180
agagggagaa	gtacctcctt	taatgtgcat	acagagaagg	taacccatga	g	231

<210> 980

<211> 341

<212> DNA

<213> Homo sapiens

<400> 980

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tttatgtgga	attattatta	ttattattat	cattattatt	cagaggtaga	tatattcttg	120
gaaggaattat	tatttaaaaa	atcacagcat	cccaatactt	tgtttcccaa	agaaatagat	180
atgttcacat	tatgagtaaa	gactgttttt	gaacttgctc	taaaaaatat	ctggtttcta	240
caattgcagag	ctgagatttg	tgaagaatga	ggcagaatta	aagttttggg	gttgagtgct	300
ttttaaaaaat	tgggtattta	ttttacttat	ttatttttga	g		341

<210> 981

<211> 337

<212> DNA

<213> Homo sapiens

<400> 981

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gtagaaaaga	aactaaaaat	ggatttagtg	tgaggacagg	ttccttttcc	tggcaggatt	180
gtagaacact	ggtattcagt	tgactgttta	caatgaatat	atcttctggg	tggtcatggc	240
cagaagagaa	aatgtcattg	gtttgtgccc	aagcaaattg	attattaaaa	tacgttgaat	300
atgaccccat	ggttgcaaac	atcccttttc	ttagtaa			337

<210> 982

<211> 339

<212> DNA

<213> Homo sapiens

<400> 982

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ccttcgaact	gaaaatttta	attctgatta	gtttatctta	acaaacaatt	tagagaagga	120
ttggtgtcca	aataaactgt	atgatgtgga	acttgcccca	aatgaagagg	aagttggcat	180
tccatagcta	gacagtagca	tttccagctg	tgggggtgcc	agagctgagc	caagcaggcc	240
tgctcagcag	agacttgga	ttcaggcttt	gtaagaactc	gtgttgga	cccgttcctt	300
gtgttgacag	cataaaccca	agagggtttt	aaagatcaa			339

<210> 983

<211> 339

<212> DNA

<213> Homo sapiens

<400> 983  
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 atattcttgt attcttttta tatctctgga aaagtattaa atacattctt ccagaaaaac 180  
 cttcgctgaa gggcttggct ggactagttt cccacagctt atccctaggc ctctgggtag 240  
 aattgggtttt ctttaatggg gggatagatc aaacatcata cggagaccaa caagggtttt 300  
 tgggtcttct taaaagccac tgggaatctt cagaacaag 339

<210> 984  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 984  
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 atagcagaat agagttattg atttcaatgg tgcacaatat tttgattact aaaaaatacc 120  
 attttccctt gatgaattga ctgatgtttt aaaaatccat ccaacaagta actgttgaat 180  
 cctataatat acaatgcttt gttaaggcaa atgggtgaatg caaaatagtg aacactataa 240  
 tctctggaaa ccaaataaaa agacttcggg tctcagaagt atacagcaac tacatatttt 300  
 accaccaacc acatgcccaa ccaatggtat atacaaatta ac 342

<210> 985  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 985  
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 aaacgtacca tgcttttctc atctcccatc ttaacaataa cagttctaac atataatact 120  
 gggttacagtg tgccctggtag tatgctaagc atattacgtg atgatctcat ataategtca 180  
 gagcaatcct gtttcctttt cctggaatga cctgccccac ctattaattc tctcactccc 240  
 gacacacatt tagccagcaa actcctattg agctaacagc catcatccat cccaccactt 300  
 attccaagca ccctttcctg cctcccactg ccacccttct 340

<210> 986  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 986  
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 ttgaaaattc actgctgaag caaacatgga cagggcgctg gacgatgaaa gatggccttc 180  
 ataaaatgca aagtgaacac gtttcactct catgtcaacc tgtaaattgat tatttttcac 240  
 caaaccaaga cttcaaagtt acttgggtcca gaatgaaaag cgggactttc tctgtcccgg 300  
 cttactatct gagtcctca caaaatacaa ttatcaa 337

<210> 987  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 987  
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 ttaagaacaa ttgagttttt ttgttgctcg ttcattttac atgtcgtatt ggtacatggt 180  
 acatgtacta gtgggttttcc aaagtccatg atttttagtat cttatataag aaattaattg 240



tcagccgggc	gcagaggctc	acgcctgtaa	tcccagcact	ttgagaggcc	gagacaggcg	300
gatcacaagg	g					311

<210> 988  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 988						
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ggagaggggtg	agtttgccca	atcaggccgc	gtacagttag	aaggggaagaa	ggctaaagat	180
gcaggcctaa	ggaaaatcac	cacttaagta	ggaggaggaa	cagccaataa	gagatcaaag	240
gggaaagttt	tattttatgt	tggatttttc	cccccttaag	atgagctagg	acaggtgttg	300
gggcacatgc	ctgtaatccc	agcacttttg	gaggctgcgg	t		341

<210> 989  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 989						
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taaaaccgcag	aacacggctg	acctgctaca	cccgccttca	tagcacactc	taggtccaaa	180
acaggagtg	ataggttcac	actggctagc	cccagagtgc	cacccgaggg	caggcctggc	240
gccccacaaa	gaagaggtag	atttgggggg	ctgtgtggag	ccagcatgag	gcaaggcata	300
gccaggacca	gaggcccagg	gaggccacag	ctgacttgct	gggtgctgca	gggctgttgg	360
aggctcccac						370

<210> 990  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 990						
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aagtcaaata	gagacaagga	atgtggacag	ttactaatat	ctgaaaacca	gaagggtggca	120
gcgcaccata	agtgcattgt	cttttcatct	gctttgggtat	catcacactc	tgataatgaa	180
agtccttggtg	gattttctat	tgaagatgtc	caaaaggaaa	ttaaaagagg	cacgaagctg	240
atgtgttctt	tgtgccattg	tcctggagca	acaattgggt	gtgatgtgaa	aacatgtcac	300
aggacatacc	actaccactg	tgcattgcat	gataaag			337

<210> 991  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

<400> 991						
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ggaaatccaa	aaggaagtaa	aaagtgtaga	acagcaagtt	atcggttca	gtggctgtgc	180

agatgacaag	aattacaaga	aactggagag	gattctaaca	aaacagcttt	ttgaaataga	240
ctctgtagat	actgaaggaa	aaggagatat	tcagcaagct	aggaagcggg	cagcacagga	300
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<210> 992

<211> 332

<212> DNA

<213> Homo sapiens

<400> 992

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aggaattgaa	tgtgattgtg	gtgttacatc	ttttcttata	ttaaaatctt	taattctaaa	180
atcagtatgt	cacatacatt	accacattaa	cacatcaaga	ctggaaactg	atgattggaa	240
cagagacaaa	tgtgttgggtg	agttgtgggtg	agctgtcaag	ggacttatgg	actatagctg	300
tcctatagtc	tataacgagc	cagctgaaga	tg			332

<210> 993

<211> 332

<212> DNA

<213> Homo sapiens

<400> 993

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tattccttatt	atctcccaaa	attccaattt	gctgccccta	tatgcccttt	aaaaaaaccc	180
aggccgggca	caacggctca	cacctgtaat	cccagcactt	tgggaggctg	aggcaggagg	240
atcacttgag	gccaagagtt	ggagaccagc	ctggctaaca	cggtgaaact	tcgtctctac	300
taaaaaatata	aaaattagct	gggcgtgggtg	gt			332

<210> 994

<211> 327

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(327)

<223> n = A,T,C or G

<400> 994

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gagccaactg	tgtgagcctg	ggcgccctact	taacctccct	gagtcctctt	ctataagtga	180
gcattcta	agtacctagt	tcacaagttg	tcctgaagct	taaacaaaat	agcaaaatga	240
tgcttttttaa	aatgacaata	caatcaagag	gacagaacag	gtaaagactt	tgtttattca	300
caaattgctg	gtattgattg	aattggn				327

<210> 995

<211> 335

<212> DNA

<213> Homo sapiens

<400> 995

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atctgtaaga	actcaaata	cctttgacat	taatttacga	ccaactgcat	gccctacata	120
attgagacac	ttgggatcgg	gtggaaaaag	acaccaaatt	gtctcatatt	atgaatgaac	180

actgaagggg	gagtttgggg	aaaaccgaat	ataagcaact	cattcaagga	gacaaattca	240
gatgatagtt	tcgagaatat	aaatggagag	atgtgattca	caataatatt	ggggatgcta	300
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<210> 996  
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 <212> DNA  
 <213> Homo sapiens

<400> 996						60
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atgaaaagtg	tttaaaaaat	taaatatatt	agaaggatca	atatacctaag	ggttgtgggt	240
aattttttcc	tacttttctaa	aacttcagat	tccttttctact	cacttaaggt	tgtactacca	300
ttaatgcaat	gttttctggg	agtgcgagat	ttgctaata	attaataaca	gctagaagcc	332
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<210> 997  
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aaactgactc	ccagaggtct	cttttagcaa	ggcactcatg	ccaggcgcag	tggctcatgc	240
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tcacaatggc	tcaggcctat	aatcccagca	cttt			

<210> 998  
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 <212> DNA  
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<400> 998						60
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ctgcctcagc	ctcccggtga	gctgggactg	caggtgtgtg	cctccatgcc	cagctaaatt	240
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ttacacccca	ttcgactga	gtgggtttcc	ctcctttaat	cccgcggttt	ggtgctatct	327
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<210> 999  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 999						60
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taacttatat	ttttctcatt	ggaatttccc	aacatggctg	tcctgggttag	gacagccaaa	240
ccaagccaaa	gagcagctcc	ctatgtcttg	gcatgcagtc	atctgacttc	aatagactct	300
tcacctcgac	atgtcatgta	ctctaagaat	gtaaaagttt	ttagtgtctc	agcaatgcta	331
aggccaaatc	cagcacaact	agcatcacag	t			

<210> 1000

<211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 1000  
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 gcccttaacc tttcctcagc ctctgagttc ttccggccct gtccctgtctc tgtggcacc 180  
 gtccctgctaa taatgccttc tccattctgc ccagaacaag acaccatgcc ggggtgcggtg 240  
 gctcacacct gtaatcccag cactttgggg ggccaaggca ggctggatca cctgaggtca 300  
 agagttctag accagcctgg ccaacgtggt gaaa 334

<210> 1001  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 1001  
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 ctgctaatac acattcacct tttctgtttt tatactcatc agctcttcac acctatagaa 180  
 atgcagtgat gatgataaaa atgaccatta aaatatcaca gacaatatta caaattatat 240  
 cacaaagtta ttttcttaat aaataaagac aaattaataa gaccaatggc tcattagaaa 300  
 aatgaacaca ggaaatgaac aagcaattg 329

<210> 1002  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (329)  
 <223> n = A,T,C or G

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 tggcgtgtgt gtgtgtgtgt gtgtgagtgt gnnncantan aacctgtagt gaactttttt 180  
 attaacagga attgccgctc atggtatgtt ctctccttca ccgtgaggag ttccacgata 240  
 ttccattctc tgcgatccgg tgggaattcta ctaaaaaaat ggttcttctc ccctggggggg 300  
 gaattttttc tgtgaaacaa tctcccccg 329

<210> 1003  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1003  
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 tacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaaagcact 120  
 tgagggaggc cttctcccac agtactggtg gctgtgtaat agatgttctc aattaccaag 180  
 tgcttaaaact gagccctatg tacttaggca gcctgttttag agttcttacc cacttgccaa 240  
 tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacccaaa 300  
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<210> 1004

<211> 326  
 <212> DNA  
 <213> Homo sapiens

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<400> 1004
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aaaagtaagt tatgaaacac cttttacctc attgtattcc ttttaataat caagcaaata      120
agtaaagtga taatgaaaaa ataatgatat gtacttaatt ttatcctttt gtatcctttt      180
tttttttttt aaaaaaaggg tctaattttg ccccccggtt gggggggcag ggccttgggg      240
ttaacaaaaac cttgaacttc taaaaaaagg gaaccttcca ttttaaccct ctgaagaggg      300
gggactttta aacccccccc ccccccc                                     326
```

<210> 1005  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(334)  
 <223> n = A,T,C or G

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<400> 1005
gcagtggcat gatcttggtt cactgcaacc tccacctccc tagttcaagt gtcctcagc      60
ctccagagta gctgggacta caagcaaatg ccaccatgcc cagctaattt ttgtattttt      120
tatagagaca gggttttgcc atgctaccca ggctgggtctc agattcctgg gctcaagtga      180
actgtccacc tcagcctccc aaagtagact attcctatat tttcctttca ttggggagta      240
aaacaaaaat tgtttcatat gaatacattt tcacaggagg aagaaacaaa tttcattcct      300
aactgaaact tacaatggcc agaaattaag ccan                                     334
```

<210> 1006  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

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<400> 1006
tttgatctgca gtgggacctg gaattttata cattgagcat agtgccaggc aatgcttatg      60
atcagatgat actaattaac ccctggcatc atatgatctt cactgtgatt ggagttagaa      120
gatttagctt catatcctgc cttctcctat caacacacac acatacacat atacacacac      180
acgtgcacag gcatgccaaa ttggctgtta cttatctcac ttgtattatt tatatctttt      240
tactcataaa aagacttttg gctgggtgtg gtggctcatg cctgtaatcc cagcactttg      300
ggaggctgaa gcgggtggat catgaagtc                                     329
```

<210> 1007  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

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<400> 1007
tcttcagcag tttatataca acaaatgccc cccggttacc tcttttcttg gagagcctct      60
tgtttcaatt gaaagttctc atttacagca atctcatgag caagagtcaa gtttgataag      120
ttccttgctg tagccatcac ttcatcaaat gttacaacct ttggagggct tggtgctgaa      180
```

agaaaaacaa	aagccagtta	atgttgcaga	agaaaagttg	tcaccaacg	aagcctcctg	240
atgcagataa	ggtttaattt	atcagaatgt	atatacttca	gagntttata	ggtcaggaga	300

<210> 1008  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1008						60
agtaattaca	ttagcaggtt	tagttgtcat	gaatgagttt	gggaacaatc	actgatgact	120
cttggttaagc	ccctctgtgg	gaaagaagta	tctccctggg	tatccaactt	gcagggagtg	180
ttcaggatct	catgttctgt	agaggtcata	aagagggcca	gctaattctg	gctgtcatgt	240
agacacagct	cagtggagag	ttttctggca	aaaggaggag	caaaggccct	ggggcagaga	300
aaatcttgga	gagtacggaa	aggccatgag	actgaagtgt	aataaatgag	gcatgaggag	331
tgtgtgcgaa	gacaggacgc	aaagagagat	g			

<210> 1009  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1009						60
gttttttctt	atgtttaggt	ttaagtgtct	gttttccagg	caccctcttc	cctaaccctg	120
tacaagaatc	atgtctctgt	tgatcttata	tccccagtag	tgagtgttcg	tatggctggg	180
acttaataaa	gtttaaatga	actcatgaat	aaatgtgttg	cacaaccaat	gagtgaagtga	240
gtgaacaagt	gagtcaataa	gcaagaattt	agggacatgg	gaaccaccac	ttataagctt	300
gaggctgttg	tgcaaatgtg	gaccttcata	taagccattt	ccttctatat	agaatgctct	330
ttcttttgc	tacccttaac	ctcttaccag				

<210> 1010  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1010						60
ggtagaggcc	agtgataggc	taaatatact	acaaggcaca	ggctgctttc	cacctcctaa	120
tctctctctc	tctctctctc	tctctctcac	acacacacac	acacacacac	acacacacac	180
acacacgcac	gcacatccca	aagaaacaaa	gagagatccc	atcccaaatg	acaaaagggtg	240
tgagaataaa	aatcctactg	caaccctgta	tgacaaactg	ctaagggttg	tgtgcaatta	300
aaatataccc	taagtgtcac	agagtatact	caatcaaagt	ggaatatttt	atttatatca	335
ccgcgcgtgt	agagaatatt	cgcacagaac	tttat			

<210> 1011  
 <211> 249  
 <212> DNA  
 <213> Homo sapiens

<400> 1011						60
cttatcaact	tagtcaatgg	caataatcat	aaagtaaaca	ttaaggaaaa	tatttttaatt	120
acaatactac	caatattata	tacaccaaat	ttccttagca	acagtgggtta	cagaagtaaa	180
caatcacgag	caaaaagcaa	atttacggct	attgaaatca	ttaacaaggg	ccgagcacgg	240
tagctcatgc	ctgtaatccc	agcactttgg	gaggctgagg	caggcagatc	acgagggtcaa	249
gagatcaag						

<210> 1012  
 <211> 281  
 <212> DNA

<213> Homo sapiens

<400> 1012

ggcggagtc	cccacagtgg	ggcagcccct	gcacaggctt	tgctggagtc	tccactgcac	60
tggcctaggt	ccaagcagtc	atagcaactgc	ccccagctgc	ccttctaagc	cctgtagcct	120
agtggattag	aacctggcct	ccctctggag	aaaggcccag	gacccgattc	agcggcatca	180
ttccctagtg	cttcgaccct	gacctctctg	agatgggggc	tatgcctcgg	ggatgagtg	240
tccctgcact	ggggggctgt	gaccaccagc	ctgtggccca	g		281

<210> 1013

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1013

cttctataat	gcttctttta	tatttcctta	cagttaatgt	ccattttctt	tctccctctc	60
tacatgcaca	cacaaacaca	cccactcaca	cccacaccca	tgataaata	cacacacaca	120
cacgcacaca	cacacacaca	ccatccagcc	tgtagatatt	tatgcttcac	tttcagtaaa	180
catgcagaa	cacttttgac	agacattttc	ctttaaattt	aaattccaaa	gaactctgta	240
gaaagcagtg	aatggtaact	gaaaagctga	gtgaaatgtt	ttatattgct	aaaacttttg	300
acattgatta	cataatgtca	gagaatcctt				330

<210> 1014

<211> 327

<212> DNA

<213> Homo sapiens

<400> 1014

gtgtgtgtgc	gtgtgtgtca	catgtgctg	cacacacata	tactatgttt	gttgatattt	60
tttctgggta	actgagacta	aacttgaaat	ttaaagctgg	ccttccatga	aaattattta	120
atgatgcaat	gcaaagacaa	attgctttct	acatcaattt	tctatgcaag	tacctataaa	180
tggttagataa	ctaaattatc	ccagagtttc	ttcaggaaat	atcagccttt	tattcaagta	240
tatgattttc	tataaagtat	tgctattata	atcttttaat	gctagggtgaa	tccacatcaa	300
gcattcaata	tttggttgat	gatacaa				327

<210> 1015

<211> 293

<212> DNA

<213> Homo sapiens

<400> 1015

cgacagaagg	gtatctttat	taacaattga	cttgaattta	aaaaaaattt	tagtattttt	60
atttttaatt	ttaatgaagg	aaaaagtaaa	catgtaaatg	cttgctttat	ttttcaattt	120
tataaaagca	gttaattaca	gagaagtgtc	gacatttcta	cttttcata	gaaacttgga	180
gagaagtcaa	aggtgtaaaa	aggacaaatt	ttagaaaatg	agattcatga	ggaaagactg	240
attaagttca	ctttagttta	tgaaatgtgg	aattatgaaa	aattaaatat	tac	293

<210> 1016

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1016

gttcctaaag	tactagaggg	agacacaagc	caagaacctg	gcacatatct	cacatcccc	60
agagatttaa	ttcatcagtt	aaggctacac	tcctatggac	cccaccctcc	tatgcatcaa	120
gggctggaat	cactcaactga	aaaaaagctt	tggtggctgg	acacgggtgg	ccatgcctgt	180
aatcccagca	ctttaggatg	ccaaggcggg	ttgaggccag	gagttcaaga	acagcctagc	240

caacgtggtg	aaaccccatc	tctattaaaa	atacaaaaat	tagccacaca	tggtggcatg	300
catctgtggt	cctaactact	toggagggc				328

<210> 1017

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1017

tacggcgcgga	gaagaccaca	gaagggtggg	catattttact	catcatattc	aaagtccctgg	60
ggattcaggt	ggaaaattaa	ggccattttt	aaaattctgc	ttaccacatc	tctggatgtg	120
tattttttcac	tgcgcgttgc	agtcaaaaag	cttaaagagc	atctagccac	tggtactagaa	180
aactttaagg	acacttccag	tcctaaaatt	ctaaaaatct	aacatgtaaa	gctattttttt	240
taattggaaa	ggaaaaacaa	ttatgcaaat	ttcaaagtta	gttaaatcaa	aaagggtgct	300
gaagatcttc	ttttcctagg	ttaaaataaa	aaggacatgt	tttaacaaaa	gtgtcattt	359

<210> 1018

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1018

ggatggggttt	tttttaaagg	gtttctcaat	ccatttgtca	tctaaagatg	caacaagaga	60
aagatattttt	cttcaatgaa	aagttatctt	catctttaaa	tcttttaacg	ctaaccattaa	120
cacacaagac	cctcattaaa	tgctcatctc	cacatgcaag	gtacttgaaa	aatcattttg	180
agaattagcc	atatcagagt	tgactgagag	atataaaaaa	caagaaatac	aaaagacaca	240
acatgaaaaa	caaaacagaa	cacatcaaca	tatttgtaca	agacatgcct	caaatgaaag	300
gtagcaaaaac	aattctacaa	agacacaaa				329

<210> 1019

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1019

ggacctttttg	atcccatcat	gggactgttc	cccagcccta	ggccactgga	atgggggggaa	60
agagaaccct	cctttccctg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcggtg				328

<210> 1020

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1020

tgtctcaaaa	aaaaaaattt	gtacatacag	ggggttactg	tcacataggg	ctgggattta	60
ggcatgagtc	acctgcctga	ccagcaagtt	cttaaattct	gcagcaagtt	cttaaaacaa	120
tggtctgtagc	ataaataacc	cttcataaaa	acgctaatac	cgatgctggg	acggtggctc	180
acgcctgtaa	tcccagcact	ttgggaggcc	gagggtggga	gatcatgaga	tcaggagatc	240
gagaccatcc	tggtctaacac	ggtgaaaccc	cgactctact	aaaaatacaa	aaaaattagc	300
cgggcatggg	ggggggcgcc	tggtatcccc				330

<210> 1021

<211> 336



<212> DNA  
<213> Homo sapiens

<400> 1021  
aggtttgtga gagccactct gagctaggac ctcagctgag agaggctgga gcaacaccat 60  
ggcaattttc ggattcactg cctaaactga tgtcagtgagg cagatgagcc ttccacccaa 120  
taagctaacg tgcgagggtc cttccaaacc ccttggcaga tggtttttta ttataggctc 180  
aaagaaaaat ggggctataa ccaagttcct tgggggacag gactgtttcc atgcttgagc 240  
ttggaagcaa gattgatggg acaaaacacg tacgttggtg ttggtccaca ccatcaaaac 300  
aaacctccta ggtcttgagc tccattgagg tttcac 336

<210> 1022  
<211> 332  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(332)  
<223> n = A,T,C or G

<400> 1022  
aacaaaggct tatggatttt ggtgcccctc gcgatttttg cagcttttct gctgatttgg 60  
agcgtaaaat gttgcagagc ccagctagaa gccaggagga gcagacaccc tgctgatgga 120  
gcccacaacg aaagatgttg tgtcccctct ggtgagcgct gtcccagtcg acccgataat 180  
ggcgaagaaa atgtgcctct ttcaggaaaa gtataggaaa tgagagaaga ctgtgacaac 240  
tcatgacctg catccttaat atccagtgac ttcattctcc ctttcttccc acaattccag 300  
gcaatggcct gtcggaccag acaattctac cn 332

<210> 1023  
<211> 329  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(329)  
<223> n = A,T,C or G

<400> 1023  
gttagccagg tgggcatgtg cataggggtg gaacccacag acaccccagc ccaggagcca 60  
ttcctgatgt gggagatagt gtgtggtatc tccagtgagc cccctgaggc tcaactcatc 120  
aaagggcctc agtctcgaac gacaggcacg gtcaagacaa ggcaatggca cctgtcctaa 180  
aattcctttt acacctctag gaaatatatc cacagataat agcttcgcct tgtagtgcac 240  
gaggtccttg aatgattcct caccctcttt tgggtccagnt atctttctcc ttctatgtag 300  
catttcaaac actccactca cagtagtag 329

<210> 1024  
<211> 328  
<212> DNA  
<213> Homo sapiens

<400> 1024  
taatgtgtgt gccagaattt catgacctca aggatctgaa ttttcaagtc actgcaaaaa 60  
ggacgtgttt ttgggaattt tactaattcc cttaggcaga tactttgggg tgagggggag 120  
gatgttcacg ctgtctacca tctcccttct ctgaaaactg tacagctgcc ctgtaactgg 180  
gtggggcccta gcaccagcca caactatact caatactttc acttattcca aactactata 240

aacatccacc tcccttagaa agaagtacta aaaataaagg caatcctact cttctgttat 300  
taataaaata aaaattaaac actttggg 328

<210> 1025  
<211> 337  
<212> DNA  
<213> Homo sapiens

<400> 1025  
cggggttcta gcagtattcg catgtcatgg aggggaaggg actaccccca gaaataatac 60  
aactgcttac ccaactccatg aagtgaagaa tttgaaagac atttctctgt tccaaaggcc 120  
tgtgggcaga attaatagta attgccagaa aagccaggtt caaacacagac gctacacttg 180  
catttattga atgagcttat tggatatctt gggtgcaagc aggaagcaac ctgctgacct 240  
gagctccctg tggccctggg cctctccact ctgaaaacat ccaggcagat cttacaactc 300  
ctccagtcac acccagatac caactctagg ccagacg 337

<210> 1026  
<211> 331  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(331)  
<223> n = A,T,C or G

<400> 1026  
gaaaggtctt tggacgtaaa cagtagaaaa ctacttgcac atttgaagaa aaagggactt 60  
catttgaagg ctgttgggga actggcaaaa ataaggtcct cctgaagaac aaggcttgca 120  
gcagacagga gtcaggcagt ttcagaggac cttgacaagt gcagcgtata ggtaggtgc 180  
aggagtcaac ctgggttcac gtctttgact ctactacatg gggcaggcta tttaacagct 240  
ttctgcctca gttttctgat ctgtaaaatg gtgatgatat tactcatctc agtattactg 300  
tgaagtttaa atgagctggg atataaaaag n 331

<210> 1027  
<211> 327  
<212> DNA  
<213> Homo sapiens

<400> 1027  
ctgggtgaca aagtcgcaag gttgtgtctc ttacctgcc acaggtgcac gtcgtcagcc 60  
ccaccgcctc actgcagccc ccaagggttac cgccagccgc cgaggggtgg gaacggcagg 120  
gtgatgatat caacagccaa gaacccccctg ggcttgtcca ctgctcaggc cgtcccagcc 180  
cccggggaag caggtccacc actaggccca ttcgacagat agcagcacia tcaccgtcac 240  
cacgactgga gaatgacatg tcccagcacc tagtgccagg ccctcttcca agggcttgca 300  
tttgettatc catttaacct ccagcag 327

<210> 1028  
<211> 306  
<212> DNA  
<213> Homo sapiens

<400> 1028  
ttctgagggc cactactgtt cagtgttgag cctcactgc cttcaagcac tggcatctgc 60  
ccctctttgg ctctgtttgg tctccttggc ttcacctga gcctcattct tggccatggc 120  
caagctttcc tgggtctggct cccatccagc acccagtgcc ccctgcccac tatcgctga 180  
tgctcaagca taaccagtc acctttgggt gaatgacct ctgagggtta gtacaacgct 240

agtttgaatt atttttcctt tcccctaatt tctttgagca gactaagtta gaaaaatatc 300  
catatg 306

<210> 1029  
<211> 331  
<212> DNA  
<213> Homo sapiens

<400> 1029  
gatataaaca acattacttt ctcaaaaact ctaattcaat atataaatag tataccttca 60  
cattcatgaa tctactgtg ttcaaagatt actagttttc tagttattcc tttattcata 120  
tttatgtaga atatttcaga ataagcaata cttaatttta aagaatatgt ttcacaagg 180  
attttttgat gggtttaaact ttgtttatca acagaagata cctgctcaga agaaattgtg 240  
ggttttcaac ctccagcgcta ctgaaatgcg tggtggattg cttttgttgg aaaaggctgt 300  
cctttggatc acaggatggg tatcaaaatc g 331

<210> 1030  
<211> 332  
<212> DNA  
<213> Homo sapiens

<400> 1030  
gggttcaggg ccgggtccct ggctgagctg accccacagg tttcagcggg tgggcccacc 60  
tgacggaggt cgaccccgac gaggaggtgc agggcgagat ccacctgcgg ctggaagtgt 120  
ggccagggggc ccgggcctgc cggctacgct gctctgtgct ggaggccagg tgagactcag 180  
ggggcctgggg gcgggcagtg ggtccctgc aactagagaa acccaatgag gaagctgagc 240  
ccccctcgc ccacactcta cctcctggtc ccagagctgg ccacctcca tcaaagcctg 300  
ctctcaagag aggggtctcgc caggcacggc gt 332

<210> 1031  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 1031  
taaggctgcc ataatacgac agaacggacc taagccttac aagaagagat gctgtcttgg 60  
tcttgctgga ggaccttgc ttacttagat gtcttattat taacgttacc tattattgat 120  
ggaaatacac taatttgtat gggcctagat ggtaacatgg catttctaatt attggcttcc 180  
tttcttgagg gcttgattag cttggggacc gaatcactac cgtctagctt actaacttag 240  
ccaatcttgg cagaacatgt tcaccttaca cactgcacct atacgctctt gaaggcgtcg 300  
caatgaacac cctcctaaat tctccatag aactataccc taacaagtct 350

<210> 1032  
<211> 321  
<212> DNA  
<213> Homo sapiens

<400> 1032  
tgtgcctgta atcccagcta ctcaggaggg tgagacagaa ataaattgta tcagaacagt 60  
gtaaacatgt agacagatac tgacaggaat aagggtttgt gataactttt tggttacctg 120  
aagcatttat gaatacaggt aagtctgtgg ctatgttata gaattattgag gtctccattg 180  
gtttgacttc caaattagcg ctttattaaa ctccgggtgca gtgtttgtac acctacttgg 240  
gctgtatctt ttctactatg aaacatatat taactgtgaa atgaatatat taaagaatca 300  
ccttggggcc aggcattggg g 321

<210> 1033  
<211> 326

<212> DNA  
 <213> Homo sapiens

<400> 1033  
 aaggggtaag gtagtggttat atgcaaacgc attaagacgg gaaataacac aaaagaaaaa 60  
 aatgagtcac tctaggtgga atgtacctta caaagaattg ggtaagatat aaacacgggt 120  
 tatctcattg gacaatgaca catcatgggc aatgttaata atctgaggct ttaataaaaa 180  
 tagaggataa ttggagaggt ttagacagaa gagtaaaata atcactatgt tttttataa 240  
 gtacctaatt gtcagtgtaa gtatatctt ggccggggcg ggtggctcac gcctgtaatc 300  
 tcggcacttt gggagaccga ggcagg 326

<210> 1034  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1034  
 tgagactttc ctagccatgc aggactgtga gtccattaaa cctctttact tataaattag 60  
 ccagtctcgg gtctctcttc atagcagtgt gagaacagac taatgcaggg gggctattat 120  
 gttgccaatc acaggatat aataaaaagt taagaattat aatttctaag tggtaggatt 180  
 tcccttaatc cttttatcta tttttcaga agttttccca ggaatacaca tactgctttt 240  
 gaaatgagaa gaatgaaatc tcatttatag tctatataga cgtctttgca atgttcatta 300  
 atccaccttt caggacagcc ctgg 324

<210> 1035  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 1035  
 caggggaaaca gggcttgaaa gaaagaagga tgggggaaaa gaaaagagcc cagcatcaaa 60  
 gagaagctgg ttttgcctgg agtggccaag tctacctgac acaggcacia tctctgatct 120  
 catccacatg gccaggagct ggaagtacta aaattagaat ccaaagtgtt ctaggctggg 180  
 cacgggtggct 190

<210> 1036  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1036  
 attggttatcc gaaatagaga aataactcct gttaatcaag aaaaagacag aaacttcaat 60  
 gggaaaaaaa ggaccaatga aagagacaaa ctaccataga tcagatttct tcccatagct 120  
 aaacagtata caaagaaact tcatatttat aattatacaa atgcaaatca aggcagtgg 180  
 tcattactct tatcagaaag actctaattt aaaaggataa acacaacaat tattagaaaa 240  
 tgtgcatagt gttaactttc actcacttgt agtgaaaagt agtctggaaa tattttatac 300  
 atcatagaga aattccgaga atcata 326

<210> 1037  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (326)  
 <223> n = A,T,C or G

<400> 1037  
gagctagaaa tctaggcaat gtggatttca gatgagtttc ataacactat ctgacacagc 60  
gggaagtcca aggaagtatc tggcaatatt atttttctta tggagccttt ccataagaaa 120  
gaaattcagt tataacaagg tcacatttgg gtaggtgaca taatggtgaa atgacatttt 180  
ctgccataaa caaaacctat atattgtacc tgagtggccn cnnnccnaa naattttttt 240  
tggaaaaaaa atccccctt gtggcccaag ttttaacccc aaatttccta ttccgcccaa 300  
ctaagcttct taaattccag gaaaaa 326

<210> 1038  
<211> 191  
<212> DNA  
<213> Homo sapiens

<400> 1038  
aatgatactg tgataaaagg catccaccag catgaacttc atatgtgact ttgctgttag 60  
atctcaggaa gatgtaaaaa ggcagtttaa gatcttttat cccaacttcc tggataataa 120  
aaagatagta agtttaggac tttataaaag aaataaaatc aagaaagaaa tggggcatga 180  
aaaagaataa a 191

<210> 1039  
<211> 325  
<212> DNA  
<213> Homo sapiens

<400> 1039  
gagttttcat ttgtggtgag attctctccc aggccacaag acatttctctg ctcggaacct 60  
tggttactaa ttgtaagtac tttaacaagta agaacttggt ttaaaaactt agcattcaaa 120  
aaaaaagctt tctttaaaag ttatttgatt ttcttgcttt ttttcttagc atgctatatt 180  
tcgagtttca gctaaatgac aaaggacggc ttatttatct gctttctttg gatgcattca 240  
gtcgaaatca ttaaatctct gcttaatat catccagacc ccaggctggt ttttgaaagg 300  
gggggggggg gccaaagtgt ttttg 325

<210> 1040  
<211> 319  
<212> DNA  
<213> Homo sapiens

<400> 1040  
acctatcctc attgtggtcc ccaaagctct tcttggggcc tttctttctc tttgacaaag 60  
caaagctaag ggagctggga aaggtgccaa gagtgagaag tgagagaagt gatccagaag 120  
tgagagctcc cagcctcgct gttgactggc ctgggacctt cagccctgcc tcttacattc 180  
tcttgccctt ccaaattat taataacaca tgagtctgaa atacagtgag ctccacagag 240  
gaaagacctg tattctctgg actattcaga atgttctagg gacagtgtga taggaggctg 300  
agtccacact ctggagctg 319

<210> 1041  
<211> 299  
<212> DNA  
<213> Homo sapiens

<400> 1041  
gcatgaagaa agattggatg caagacaggt ctctgttgct gagatggcaa ggatccagtg 60  
tgaagacctg atagtagccc taacagctga aaacagtccc tgattaacag cttagcaagac 120  
aatggagacc tcaatcatat agcaacaagg aaatatcttc agccaacaac cagaagggtg 180  
tcaaagcaaa tctctcctc cttaagcctc caggtaagaa tgcagcctgc caacattttg 240  
ataccaactt tatgagatcc taagcacgga gtctagccat gttgtgccag tcttctgac 299

<210> 1042

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1042

taagcaaatt	aacatattca	gattcccagg	atatattttc	tacataaaaa	tgaaggatgt	60
atgctattgt	atcctaatac	ggctaagtat	ctcatgtaca	gtcattttga	ttttacgtat	120
atgtttggat	ataggatgtc	tctggaatga	tatgaacaac	tgacaacaat	ggtagcatct	180
ggcaaaggaa	actacatagt	acaacaatgg	gagtaagatt	tccttttcaa	caccatacat	240
gtttgttctt	actgaacgct	attcgatgtg	aaaggcagta	tattataacg	gtcaataaaa	300
tcaagctctc	caggttcaca					320

<210> 1043

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1043

gacaatttta	tcccttagaa	cccagaacag	ctgggagcag	ataaaatctt	cttggggttat	60
gagttcccag	atgatgctgc	tggcctgcgg	actgtacttt	gtgaacttat	gctgggagcag	120
atggatcaga	aacccccggc	agaggatgct	caggacccat	caagcccccg	cgaggaagga	180
ctcagacccc	caacccccacc	aaattaaagc	aggcaatgga	gaattatact	gaagggattc	240
cttcggctggg	caaaaacatg	attagatctg	cattctaaag	actgctcgca	gagtaaagga	300
ctggattggag	cagggagtt					319

<210> 1044

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1044

racgtttgtg	agaagacaac	agaaggggag	tctcttgccc	gtccacccca	agtctgactt	60
tctctcaggag	ggactcatga	acacgtgccc	tgagcacccc	caaaatgaca	tcacacaagg	120
gcagaaagga	gctgaagggg	gaacgtgaaa	ggcagaaaagg	gagccgtggg	tgccaggcaa	180
tcagccctag	cccacctttg	tttgttttgt	gacagcaact	aaggctctgg	cagggccggg	240
tggccacgct	catgcctttt	tctctcaaca	gttgcttctt	tgaagtaggg	agcaggctat	300
ggtcacctgg	cgggcctctt	cagctaagac	cttcacaaaag	tggggagcct	tga	353

<210> 1045

<211> 326

<212> DNA

<213> Homo sapiens

<400> 1045

cgtggcaatc	tctggtttta	aactggcacc	tggcttagtc	aggtttggtt	ttagattgat	60
tactctggta	gctgaatgaa	ctatgatttt	ggggaggata	agactggaaa	gagggacact	120
aattttctgg	aaccttctaa	aggataacca	ggataattga	ggtggagata	caaaataggt	180
gacaaattcg	agaagtatat	atgaagtaaa	ataggtagga	tttgggtgact	gatagtggtat	240
gtgaggcatg	aagagaggga	tgaggctggc	aaataactaa	ttgttatgat	ggatgaatga	300
gaggattccc	atactgtttg	agatag				326

<210> 1046

<211> 272

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 1046  
 ggccgagaga agcagtagtc aataaagaga gtgccgtatt tcgcagattg gagctgagct 60  
 gtggctgccga gaagatagcg aacgaatgga aactgaaagt ggaaatcagg aaaaggtaat 120  
 ggaagaagaa agcactgaaa agaaaaaaga agttgaaaaa aagaaacggg cacgagttaa 180  
 acaggtgctt gcagatattg ctaagcaagt ggacttctgg tttggggatg caaatcttca 240  
 caagataga tttcttcgag aacagataga an 272

<210> 1047  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 1047  
 gtagggggag ttttcttatg tggccctcgg actttggcaa agagcctgcg caaatgctgt 60  
 caccgatatt ccagtctgga tcctagaaaag gttcaattct acttcaacaa agaaaatttt 120  
 gagttatag gaataaggac ggtaatctgc attttgctc tttgtatctt cagtaattta 180  
 ottgggtctcg tcagggttga gcagtcactt taggataaga atgtgcctct caagccttga 240  
 tccctggga ttctttttt gattgcattc aacttcgtta cttgagcttc agcaacttaa 300  
 gaacttctga agttcttaaa ggt 323

<210> 1048  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 1048  
 gagcccccta ttacacctga cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc 60  
 atcgcaatgg ttgcatttgc agtggccttt tcagttgccga gcgtctattc cctcaaatac 120  
 gattattcac ttgatggctg tcacgagtc aatagccttg tactgggtaa catattctgt 180  
 tagtattca taggatccgc tgggagtact gtccctcttca gatcagccgt tcaggagagt 240  
 acaggagtgt taacactagt tgctgtgctt tattggtgtc atcacagttc ttgt 294

<210> 1049  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1049  
 ggaagcgtcg gcgacgcac ggcgcgatggc gcgggcgagg cagtgcctgt gaaactgaac 60  
 acaacaaaag tatggatatg ggaaaccaac atccttctat tagtaggctt caggaaatcc 120  
 aaaaggaagt aaaaagtgtga gaacagcaag ttatcggtct cagtgggtctg tcagatgaca 180  
 agaattacaa gaaactggag aggattctaa caaacagct ttttgaaata gactctgtag 240  
 atactgaagg aaaaggagat attcagcaag ctaggaagcg ggcagcacag gagacagaac 300  
 gtcttctcaa agagttggag cagaaa 326

<210> 1050  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1050

taacaaaaca	gctttttgaa	atagactctg	tagatactga	aggaaaagga	gatattcagc	60
aagctaggaa	gcgggcagca	caggagacag	aacgtcttct	caaagagttg	gagcagaatg	120
caaaccaccc	acaccggatt	gaaatacaga	acatttttga	ggaagcccag	tccctcgtga	180
gagagaaaaat	tgtgccattt	tataatggag	gcaactgcgt	aactgatgag	tttgaagaag	240
gcattccaaga	tatcattctg	aggctgacac	atgttaaaac	tggaggaaaa	atctccttgc	300
ggaaagcaag	gtatcacact	ttaaag				326

<210> 1051

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1051

acctttgggtc	atgcatagac	taagatgttt	tacttacttt	ttcttttatt	tgccaaaagg	60
aaatagaaaa	ttcagaggcg	atgttgactt	ggggagacct	tctgaggaag	gaagaaatcc	120
caggtgacct	ggttctcttc	acattcctca	ggaagcccgc	tggtttcagg	aagacctgca	180
caaaggggaa	acctgacctc	ataattgaac	aaagctgatt	tttaaaccatg	ggaagacagg	240
gctaattgggg	tggttgtgag	gagtattagt	ccccttcagg	gagagaattt	aatgactgag	300
gtcacaggag	acaatctt					318

<210> 1052

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1052

ggctgcagtg	gtaatattat	attcagtagc	agccttagaa	gagtgggtcta	agacttgaac	60
ctggagcaat	tttatagcac	agaatcctac	gaagatagga	ctgtgaacat	ttgttttctt	120
tttcgtgtgt	gtcaaaactaa	ctgggtttttg	ctttaccaat	aaaatgtcct	cggcagagta	180
aattttaaac	gtgaaaatta	tagatcttga	tattgaatcc	atcagtgatt	caagagatac	240
acctatttgc	ctaaaacaac	ctaagatgta	ttggttatgg	aatcatgtgt	tggatagggt	300
cttaagacct	gtttcctg					318

<210> 1053

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1053

ctccaatcca	gatttttaaac	acaatccttc	taatgtaata	tctgtaccta	tatagattta	60
gtatgaaaac	tatacaagct	aaaaaatgag	aaagcaagga	aggtgaaaag	aaaagatggg	120
tagccaattc	ttccgggtct	cagtgggaag	aagaaaaaca	gatggcagga	agtagtatga	180
ctctcttctt	ttttcactgc	tggttattat	ttgtaactca	cagggcagaa	taacagctct	240
agagctcaat	ttatctggag	gagattcagc	acacctgctt	ctctttttcc	actggcatgg	300
ctcttggtgt	aaatttgt					318

<210> 1054

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1054

tccagaatgt	gagaagagca	ttttaactcc	attttatgtt	ctcaaatccc	aagaaaaataa	60
ggaatcaaga	aaaatataac	aagaaaaata	aagaggtgtt	gaaatgaaga	aaccttaaaa	120
tctaaaaaga	ttcctaattt	ttttaatgtt	gccttaaatt	tttgcatgta	actatctcct	180
tcaagtttcc	ctaattttata	catgtttttac	ccagaaaataa	cagtcagcta	tgcattgctaa	240
ctttaaaaag	tcacgtttat	cacatgttgt	tttcagagcc	aaaagccaaa	tgtcctgtct	300



cccgatgatt ccca

314

<210> 1055

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1055

ttcctctaca	agtcagggtcc	ttgaagtgca	tgagcagccc	actggggcat	gaacttggcc	60
ctaagtctac	acataaccag	tagggagggtg	gtgaaaaagg	gccttcagt	gggggaaatt	120
tgtggatcaa	ggcaccagg	ctttcactga	aaataaccct	gagtcagtgg	tctgcctcgt	180
ccctctgctt	actatgtagc	ctagccatca	gcacagctga	tcttagctgg	tctctgattg	240
tccctcattt	cttccctcaa	aagctattca	tgagactggg	tacagtggct	cacgcctgta	300
atcccagtac	tttggg					316

<210> 1056

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1056

cagggcctat	tatagacaat	ccattacagc	tatgtgagga	tttgaagga	ttatctaaaa	60
ggcatcactg	actgagaata	gcttgatagc	cgaagggtgat	atttgactcc	ttcgactacg	120
acaacatcat	catactttta	atatgtacag	ggcatagatg	tatatatatg	atcatatgga	180
tactaagaga	aattttgaaa	aattcaacct	acattactaa	tataagaata	tagtgacagc	240
acgtagagaa	aaagagatta	cgtgtttggg	ggaaaaaaga	caagcctaata	acaaaggagg	300
tatacggtcg	ggcg					314

<210> 1057

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(260)

<223> n = A,T,C or G

<400> 1057

gtgttttaaac	cacccagtct	atggtacttg	atgtggcagc	ccaaactgac	taatacaatt	60
gttaaaatct	accttccaga	tttcagtaga	cacaaaatga	accagcaaca	tctcagagat	120
tgtgaccctt	tgtgtgtaca	aaagatgagc	ccgctttttt	tctaaatcag	tgtggaaact	180
aaaagtaaaa	gtaagttata	tcctaaaatg	ccaaagttag	tcgtaatcca	gtaatcactg	240
ccctctaaaa	tacgccattn					260

<210> 1058

<211> 313

<212> DNA

<213> Homo sapiens

<400> 1058

caaaacataa	atgtattact	caaaatgttt	tatatagggg	cacaagagtt	ctttgactga	60
agcagttttt	attttaagtt	gtttggcctg	aaaccattcc	tggcagcaaa	aatcttttta	120
aaagtcttca	tgtgtagatt	taagctatcc	ttggcataaa	ataattaata	tatctatatt	180
tcaaagagca	gatggcagaa	aggactatac	cgaaatatat	tttatttctg	agcaccagca	240
taaaaacaag	agaaaaaaa	agaacagcca	gaatacagag	gttttttaggg	ctattctaag	300
tgatactata	ctg					313

<210> 1059

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1059

cttccaagta	gctgggatta	caggtgcttt	ttatgcctgc	caggccggac	gcagtggctc	60
acgcctgtaa	tctcatggta	ataaattcta	tgaataaata	tagagcagag	tcaggggtag	120
agagagctgg	agggtaggca	cctataggga	aggcctctct	ggcaaggcca	cacatgagaa	180
atgacctgaa	gcaggagggg	aggagtcag	tgtatatttg	agggaaaagg	tgtttaggaa	240
gcgggaacag	taagtgcata	gtccctgaga	tgagagagtg	cttgatgtgt	ttaaggaatg	300
gcaatgtgca	gccaggta					318

<210> 1060

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1060

aggttgaaga	cactccta	tttcaacg	tcccttag	tcttaata	gaatatta	60
aagcatata	gtataaga	ttgatcct	gaaaccta	tccaaaag	cattatta	120
cacaatta	tcacaga	tatttat	gggaatg	ctataaaa	ttttgtg	180
aaataggta	agctaata	agttat	tgaaaaa	aaaggggt	attgactt	240
ataaaaa	ttgaaaga	tattcaaa	ataaatgt	tactcaca	gttttata	300
ggggcaca	agttctg					317

<210> 1061

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1061

gggtgcaga	aaacacac	gttataaa	tatatcata	aagcaccata	atgtcaagta	60
gttaaaac	aaattgg	attcggtc	aaaattg	ctgctgaaca	aatggctta	120
attttttt	tttttttt	ttccaaaa	aatttct	ttgttgcca	ggacgact	180
aatgggtg	aataaagg	tttgtgac	ccttgag	tacaacct	ttacatg	240
aaggccct	acttcggc	tttgcagc	gataccc	ccccccg	aattctt	300
tttaagtaa	aatgggg					319

<210> 1062

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1062

ctgaggttat	cctttta	aactctg	tgagaagg	taactgat	gttagcagt	60
gccttatcct	tttaatta	tctgcttt	gaagggt	ctgatcag	agcagttg	120
tatgacagt	tagtaatt	attactca	acagtaaa	ctcaatat	taagcata	180
gacataca	tatgaaga	ttttttc	ttctatt	gttggtat	tattggg	240
ttgatga	ttgttat	aaaggaa	aattgggt	tatttttg	gggaagag	300
gagctgag	cc					310

<210> 1063

<211> 156

<212> DNA

<213> Homo sapiens

<400> 1063  
tagtttaggc aatattaaca ccttacatct gtaatttttag cattttgaat acacagtttt 60  
taatgtacat tatccattgg gcagatccat agaacaagct aaaactttcc agattcacat 120  
tacttttaaaa atattttgat ttgctgggtg tgggtg 156

<210> 1064  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 1064  
gcttctgaga agtcccacct ttctgagcag ctgtgtttga agaaagctag tgggaaaagt 60  
tccaggatta catgtcagga aactacaaga ggtagaaaca tttgttgatt taccagtgtt 120  
tttaacttcc tgctgggctg aaaactgctt gtttcgtgga aaagcaaaac ttgacagcaa 180  
acatctaaaa tgaagagctc ccaaactttt gaggaacaaa cggaatgcat tgtgaacact 240  
ctactcatgg acttcttgag cccaacattg caggttgcca gccggaacct atgctgtgta 300  
gatgaagtag attcagga 318

<210> 1065  
<211> 262  
<212> DNA  
<213> Homo sapiens

<400> 1065  
gagttccaag taggtaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag 60  
aaagctagtg ggaaaagttc caggattaca tgtcaggaaa ctacaagagg tagaaacatt 120  
tggtgattta ccagtgtttt taacttctctg ctgggctgaa aactgcttgt ttcgtggaaa 180  
agcaaaaactt gacagcaaac atctaaaatg aagcgctccc aaacttttga ggaacaaacg 240  
gaatgcattg tgaacactct ag. 262

<210> 1066  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 1066  
gagcagaggt cagggcttca tataaacagc ctgggtcccta actgcttccc ttctgcagtc 60  
aaccacagga atggactttt tggtcagtgat ctcccttccat cctctttgaa gagatgcaaa 120  
tttgaacaga cgggtgctgct gttgggaact gttttgtccc tgccatcaat tgtatgttcc 180  
tctctgtgat tatctggtga gacagtgcaa aaatagggac aaaactaaca ggaaaaaata 240  
caaggaaaca ggaaactcta gcgtacagga gttggccagc ataatttatt tttttcttat 300  
gcatggtcat gctatgt 317

<210> 1067  
<211> 294  
<212> DNA  
<213> Homo sapiens

<400> 1067  
tggggaggcc tctactggga accaccttct gtaggacagt caccaggcca gatccagaag 60  
gcttgaggcc ctgtggtccc catccttggg agaagtcagc tccagcacca tgaagggcat 120  
cctcgatgct ggatcactgc agtgcttgtt gcagctgtag aatctctgag ctgctgagc 180  
tgtaattcat gggaaaaatc ctgtgtcaac agcattgcct ttgaatgtcc ctacatgcc 240  
aacaccagct gtatcagctt ctcagccagc tccttttttag agacaccagt catt 294

<210> 1068

<211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1068  
 gtgaacaaaa caggattatt cctataaaca gataaaatta acagaagaaa acttaaagtt 60  
 caaaatgtat tacttgataa aatgctcgta atattatatt accataccca ttttaccatt 120  
 taaatattac tagttttttt tcctcaatat ccattgataa gcttattctt taaaaacaga 180  
 agtagggaaa gtgctagctt ttttgcttct tattcacagg aacttggtgca cctgatgtag 240  
 tatagcacat tctcaaacat ctaataggtc acttctgaat ttttctctga attttgaata 300  
 agataaaaagt aatttga 317

<210> 1069  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(315)  
 <223> n = A,T,C or G

<400> 1069  
 caattctggt agaaaaaatc cagaatggtt ctgagtaatg gagctaaatg atttcagctc 60  
 cctgtttctc tatagtactc aaatagaagg aggacagtca ccataatttgc ttgttgcaat 120  
 gtgcatgtg ggcataagtt tcagagatgt atgtcctgtt gcccacaact ttgcatttcc 180  
 tgtgtcatta taaacctttt ccaaagcata atgacacaaa acatgatcat atttatatgg 240  
 gtcattagca aaagggaata gctactcata ggagagatga ctgngccaag cccaacttgg 300  
 caacagaatg aagaa 315

<210> 1070  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1070  
 tgtggggtac attgtcaagc cacaacata acctgctctg taataatacc ctctacatt 60  
 gttatcttgc tttggcacag tatgattcaa gtcttaatct taacactaaa attaagtgg 120  
 ttcactctat taaaggcatc atcctcaact gaaactcact aaagcatata cacgtcacgt 180  
 ggaacagctg aacacaaagc tcttaatctg aagttgacct atttagtaaa cctatagctc 240  
 agaatttgac ctcatcacct cagaaaatca gggataaaat ctgtctttat attgtttcag 300  
 gtacttgggt atcagag 317

<210> 1071  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1071  
 aacactaacc cacagggagg atgaaagagg aaagtgcctc ctctggctga aactgccagg 60  
 atgccctcta cttctaaaaa catttggtat tttccatagc gcgtttctat aacaaaaaat 120  
 atgtgctagt tcccgttagc tggaactgac atgtggaagg ggccaggtct tgtggggcct 180  
 ggccaagact gccccctgt gtacagcaag ggaggacctg cggttccacc agagccagag 240  
 cagggccaga ggccgcagg gacaccttga gctccaacaa agccagcaac accccatacc 300  
 gccgaacaga cagaaagg 318

<210> 1072

<211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1072  
 tgccatcagc ttctgaatca tgtgtgcacc ctacccccaca cggcagtgga gtggcagctc 60  
 tcgtgactgt aaaagccaca caagctcaag gcaaaaagtg gaacatgcaa agggaatgaa 120  
 gtgaagagcc aagtcagcca cgtctctctt ccctccctca cctcccagcg gctgctgtg 180  
 cccatggcac cgagtaaaga ttttaagtgg atcaagatct tcatgtttgg aacaacttgg 240  
 ccaatgactt tatctggtgc atctgagaaa ctattgaaag gagccacagc tggaggaaca 300  
 cagcacttac tagggtgg 318

<210> 1073  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1073  
 cctactaggt caagtgaagta ccaaggacag cgtggcaggt gaccatacag acgcctgaat 60  
 aacaggaggc atgctgcatt gaggcctacc tttggaaaaa gataccacga tgctttaaca 120  
 accgtgggta atagtgttca tgcctttgtt aattgtactc atgaagtagt aataaagggtt 180  
 aatattctcc attggcatta tcaaataatta aagtactggc caggcgtggg agctcatgcc 240  
 tgtattgccg gcaatttggg aagctgaggc aggtggatca ctagaagtta ggagttcgag 300  
 accaacttgg ccaaca 316

<210> 1074  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1074  
 ggagaagaaa gacgacagcg ggaacacaca agaagaaaac ttactcttcg tagaaaaata 60  
 gaagaggaat ggaagacaaa agagatgtta cttctgacaa ggatggcaga agatgttaaa 120  
 agagaagaga ggatagaaga acaacagcat agaaacagag aagagagtga caggaaggag 180  
 gtataaatat ttcaggccaa ggttcaatta tttcagcgca ggtatcacc acgagaaaatt 240  
 tttccagagt ttcacaggca tttttggatc cttcaaaaga agagaaggag acaaatgctg 300  
 attgcatgag aagacc 316

<210> 1075  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 1075  
 tactggaact ttctaatttg taaaaaaaaa aaaatcctaa atactcttaa atcaacaatt 60  
 acaacccttc ataagccatt ttgggtaaat tttgttctt ttggaaaaaa ccacactttc 120  
 ctgtatatgt ttcacaaaaa aaaaaagggt ctccccattt tcccaggggac cgagatttaa 180  
 gagttgcttg ttattgcagc aaaacctcac ctcttctgac caatcatggg ggaatttctg 240  
 ggtgtgcgcc catgtgcctg tgtgagggcc gtgcgtgttt caccgcccg aaaccctcgc 300  
 ctcttaaca ctcc 314

<210> 1076  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1076

actttctgct	ttgccccctc	cctacctcta	tgctgatgaa	gagccagcca	tgctccagc	60
ccttcctgag	gccaccacat	gatcttgctt	attttcccat	tccaggaggt	cacctgcagg	120
gctcctccca	cctagccaca	atggctagtc	ccgctgcctc	cacagtggcc	ctgcagcccc	180
atcccagacc	cactgcacgg	ggtcacaagc	ttgtgcaggg	tggacagagc	agtagctcat	240
ggcagacatt	ccttctgttc	atctgttgca	gggaaaatgg	ggtgaggcat	gggaggggtt	300
cccagaatcc	cag					313

<210> 1077

<211> 313

<212> DNA

<213> Homo sapiens

<400> 1077

tatgggagga	aaccaagcct	cagagagaca	gaatcatttg	tgggagcagg	tggagttgaa	60
tccagggtccg	ccggattcca	aatccgacac	cacctcccac	tttctgactt	tgtaagatt	120
ccaccgcac	tagcctgggc	ccgggcaggc	ctgggggtcag	tccccactg	cccggctgga	180
ccgcagagag	cagggcacag	ctcttcctac	cctagttggg	gccagctgcc	aagatgcctc	240
ttgggggttg	gaaaaggagc	tgagctgctt	gtccaggctg	gtgggtgatt	cctggggcac	300
ctgtttcagt	gct					313

<210> 1078

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(279)

<223> n = A,T,C or G

<400> 1078

aatcactgat	gactcttggt	aagccccctc	gtgggaaagt	agtatctccc	tgggtatcca	60
acttgtaggg	agtgttcagg	atctcatggt	ctgtagaggt	cataaggagt	gccagctaatt	120
ctgggctgtc	atgtagacac	agctcagtgg	agagttttct	ggcaaaaagga	ggagcaaaagg	180
ccctggggca	gagaaaatct	tggagagtac	ggaaaaggcca	tgagactgaa	gtgtaataaa	240
tgaagcatga	ggagtgtgtg	cgangacagg	acgccaaga			279

<210> 1079

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1079

aacacaagag	tcaacactct	gtaattggaa	atattaatct	gtgtgaagga	aatagctaaa	60
ttaatgtcaa	acaacaatcc	cgaagacaaa	gctgatgcc	cagactcagt	ttcagttggg	120
attaaataga	tattatttca	gtgtttatta	aaagatgaga	cacattaact	aggttatcac	180
tcgtatttaa	gtttctttta	ctatacgggt	ctaattgtagg	tactaaacaa	agttaaaaat	240
attttaaaat	agctaaaaaa	taagcaaatt	tgcatacaga	aaataaattt	attagacact	300
tttacattt						309

<210> 1080

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(306)  
 <223> n = A,T,C or G

<400> 1080  
 aggggggtatc ttgtagatta ggtagcaaaa ttggaagtca aagtgtccag tggcagtggg 60  
 gaaaagtgtt gaccaacctc ggtttgatga aggtggcgtg aaagtcaact taaacttttc 120  
 actgggaagc aggatatttc tgagcctaata gcttatggag aattggcctc tgtatttccc 180  
 tccagacttt catgaggcac ccggcttggc ccaaactga gccagatgct gaatggcctg 240  
 ccaatgcctg ccaatgtgaa aattattcag tttggttaag aaacaattta ctcattattct 300  
 ggnttg 306

<210> 1081  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 1081  
 ctgcttcattg tttatacctc acgtgattac tcatttcaag cataactgtct ctttccgaga 60  
 gtaaatgatga aaacattgaa gaaaccatcg atccaattac ccatactgat cccagaagta 120  
 taaagaaaat ggtaatatc ttggatggct tcttttcata tttggatatag cttgatataa 180  
 agtaggaagc ctgcatgatt ttactgtgct ctcagaatag ggatttttgt tttgctttta 240  
 cgcaagctgg gtgttggaag gagatttgaa acttgtgttt ggctgggata tgatgtagac 300  
 agg 303

<210> 1082  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<400> 1082  
 tcttacaata atcctgtaag gtaacatata cctcttttta taaatgagga aattggggct 60  
 tagctaagtt aacttgaca aggtcaccga tgtagccaag aagcgttacc tagcttacat 120  
 tattaactca tgccactttt attttttgag acggagtctc accctgtcgc ccaggctgga 180  
 gtgcaatggt gcgatctcag ctcaactgcaa cctccgcctc cgggggttcaa gcgattcttg 240  
 gccttg 247

<210> 1083  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<400> 1083  
 gaccagctca aaagagaaaa aggtgcaaac aatgcgaaga acacttaagg caagtatcta 60  
 actacatatt tggaaacaag tgaatgaaac tgtttatgta ccagagatag aaaaaatatt 120  
 ataacagtct acaggtgttg cattagtgtt gtgtgcttgt ctttacaact aggcagataa 180  
 ataaaaacaa atatgttttt aaaattccaa catgtggtag tttgaaagtg tgtctcacca 240  
 agtggaaatca taaaatctgg ctcaaatttt agataaattt ggacttaaat ata 293

<210> 1084  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 1084  
 gagcctttcc atcagcccct gtgctgggta cgggtgaacc tgggggttcct ggtttgagct 60  
 catggagagc cttggggccac taggggttcc ccaacgcggt ggaaagcca tgagaggaat 120  
 gtgagctgtg acggaggaga agtgaggcgc tattggcata aaagaaaact aatcctcgcc 180

acgggggagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcaa	tccctgcgct	240
gggcccccg	gacccaggcg	accctgggtc	taggcctggg	tgcacctcag	gcccgcga	298

<210> 1085  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<400> 1085						
tttcttcagg	gaatttatca	gctaccttct	cccacttgaa	tactatattt	aaattccctg	60
tatatctgta	ttggaatatg	cctgacaaaa	tataataacc	tgagtatgtt	tgcttataga	120
tattacctac	aatatagtta	aattgtatca	ttttatgtat	caatgggtga	aatactggcc	180
tagttcatcc	actattgttt	taacaaaatg	ttgacacctt	cctgttggtt	taaatagaat	240
ctcccttttc	tatatctttg	ctgttactat	taatatgaca	tgtcaagtca	gatgtagaca	300
a						301

<210> 1086  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(326)  
 <223> n = A,T,C or G

<400> 1086						
ggattctaca	agcttttttg	gtggaaaaca	atgataagta	agccctattc	atgaaaccgt	60
atgcctctca	ttttgaaatg	aataattgca	cgtacagact	tataagaata	atggcactta	120
tagtgactgc	tatttttaat	gtctttttca	aagtgtcttt	ctaaaacatt	cttctttgac	180
attttctgatt	ctttttaccca	gcaagnttta	tgtatttttc	tacttctgag	gtcacctgag	240
taagaatttt	ctaacagata	ccactttttt	tttttttttt	tttgaaaag	gagttctggtt	300
ctgcccccaa	ggttgggggg	cgggggg				326

<210> 1087  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<400> 1087						
cacccttccc	ccatgccaac	actgccactg	gcagaaaact	accgagggag	accagcagac	60
ctgtccccaa	ctcagtggta	gatgctgccc	atgttaacgt	gcacacagag	gatgtacaca	120
agcccatgcc	aaccgggtgcg	ctgccaacac	cactggcagt	gcaaattgtgt	gtatggggcac	180
cactgggttc	ccctaccccc	atgccatata	gccaccacca	aagctgtgac	tgccctgcaca	240
atggctggca	tatctgcact	caccagcacc	cccctacagt	tgatgagcat	gcacg	295

<210> 1088  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 1088



gtgctaagaa	aataatctct	cttttttctg	ttgaaaacta	gcacaagtgg	cctgtgaact	60
tgcttgatgg	gagaaagcac	atTTaatctg	gatgttcac	tgcaaagcat	ttagtttaac	120
agccacagaa	aaattattcc	tgcgtaattg	atccgtgaag	cagatttata	gtgactagac	180
catttggtg	tgtgtgtgtg	tgtatgtgtg	cgtgtgcgtg	tgtgtgagt	tgtgaatgan	240
aatcaggatg	acggtgtnac	aacagcaccc	tctggagacg	atagt		286

<210> 1089

<211> 284

<212> DNA

<213> Homo sapiens

<400> 1089

caggtaaatt	gcctttgcct	ctctcctggg	ctagatcctg	attcctgggc	ctgatggcct	60
cctatttctc	agttcacct	catttggtga	aacatatact	caaatactt	ctttaaaaag	120
tcatggccag	aaggctgggc	actgtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
ggggcaggcg	gaccacctga	ggtcaggagt	ttgagaccag	cccgcccaac	atggagaaac	240
cctgtctcta	ctataaatac	acaaaattta	gccaggcgtg	gtgg		284

<210> 1090

<211> 276

<212> DNA

<213> Homo sapiens

<400> 1090

attcattata	ttatggttta	cttttgcttt	atactaatta	ttagctcaaa	aacatttatt	60
taaaaaattg	aactagaatt	ttaaaatata	aaaaatttaa	actaacaagt	tagtcagttt	120
tactatttagc	atcaaccatt	ataagtaatt	cttttctata	acagatcaaa	atctcagtga	180
aaattcataa	accacaatag	ttgtctcaaa	ttattttatgt	tgtcaaaata	acaataagac	240
tattgtctacc	tcaataatag	gtacctcaaa	acaaat			276

<210> 1091

<211> 270

<212> DNA

<213> Homo sapiens

<400> 1091

gaggcacgat	aaatagtaca	aaaggcatat	aggtttctgc	aatgtgtgta	cactggagcc	60
cttataatga	agaccagac	acaagatggg	tgcagaagct	tgtctaccat	atgaagatta	120
cagaaagaat	gggtcttg	atcacatggg	aaaaaaaaag	ggtatgtgag	aaaaggacgc	180
tgactagcaa	cagtggactt	attacgtagg	cgaaacctca	ctgggagcag	tcctcagagt	240
gcataagagag	aaaatgtttc	tttcagacct				270

<210> 1092

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 1092

tcccaacact	agcttgctat	ctgagaccat	ctgcctgctg	ctggctttcc	tggcacaac	60
attctgcatg	taggcacagt	gtgctcctgg	actccatgtc	acctcagttc	acctcatgt	120
tcctcgggtt	cctgtcccca	gtccagcaag	cagaaactga	ttacagatct	taacagaaga	180
tacagattga	aaataacttg	cctgttcccg	tggactttat	ccactagtca	aggaggacaa	240

gtggacaagg ggagagggtta ngtggggggc

269

<210> 1093

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1093

cccatcgatt	cgcccacctt	catcctgagc	ctaaaaggcc	atctctgagc	acttgggcag	60
ccactcctct	gggcctcaga	gggccatgag	cttggccagg	taggcacagc	ggcggggaag	120
tcacagctgt	caggtaccgg	ccatggtgca	ggtgggaata	ggagatgcca	gagctgcttt	180
agctgagaga	aagcaaacag	tcagcagtg	tcaaaggagc	aaaacttcga	atgtgcacat	240
tgaccctga	cacctgcaag	cataacacag	atcctaagac	tagagtgaag	taggaagaag	300
aattagaaaa	tccagtggat	gtcctgagta	tagggaacca	gggccgctga	aaatcagtaa	360
aggttgatta	cctggngcga	gaccgggtga	ctgtggcagt	gcaggtgaag	gtaccctgga	420
ccttctcag						429

<210> 1094

<211> 426

<212> DNA

<213> Homo sapiens

<400> 1094

ggcacgaggc	cacagaaaca	tgccctgat	tcagtgcctc	tgcttagctg	taacatgtta	60
atcagaacta	cctggcatct	tctgaacaa	gactttcaat	aggggccagt	atgcttcgct	120
tcatccagaa	gtttttctca	gcattctcaa	agatactgaa	gtactcttcc	ccagtgggac	180
taagaaccag	cagaacagat	atactttctc	tcaagatgtc	tctccagcaa	aacttttccc	240
catgtccaag	gccttggcct	tcctcatcat	ttccagcgta	tatgagcaag	acacagtgtc	300
atcatacatc	cccctgcagc	tttaaaaagc	agcagaagca	agcacttcta	gccagaccct	360
caagcaccat	cacttaccta	actgacagcc	caaagccagc	attatgtgta	actctggcag	420
gactaa						426

<210> 1095

<211> 427

<212> DNA

<213> Homo sapiens

<400> 1095

ggcacgagca	aggaaggagt	cctgggagca	tggttttccc	tgagccaaag	ccgcggcctc	60
cagagctgcc	gcagaaacgg	ttgaagacgc	tggactgcgg	gcagggggca	gtgcgagccg	120
tacgatttaa	tgtggatggc	aattactgcc	tgactgacgg	cagtgacaag	acgctgaagc	180
tgtggaaccc	gcttcggggg	acgctgctgc	ggacgtacag	cggccacggc	tactaggtgc	240
tggtgcggc	cggtcctttt	gacaacagta	gtctctgtct	cggcggcggg	gaccaaggcg	300
tggttctgtg	ggatgtggca	tcagggcagg	tcgtgcgcaa	attccggggc	cacgcattgga	360
aggatgaacac	ggtgcagttt	aatgaagagg	ccacagttat	cctgtccggc	tctattgatt	420
ccagtat						427

<210> 1096

<211> 423

<212> DNA

<213> Homo sapiens

<400> 1096  
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 tggctgagta tcatagagat ttctattgtg atctattacc tacaaagtct tctgtgggtt 120  
 tctctttagg ggcaagctct gtgtgattga ttggaagaca tcagagaaac caaagccttt 180  
 tattcaaaagt acatttgaca acccactgca agttgtggca tacatgggtg ccatgaacca 240  
 tgataccaac tacagctttc aggttcaatg tggcttaatt gtgggtggcct acaaagatgg 300  
 atcacctgcc caccacatt tcatggatgc agagctctgt tcccagtact ggaccaagtg 360  
 gcttcttcga ctagaagaat atacggaaaa gaaaaagaac cagaatattc agaaaccaga 420  
 ata 423

<210> 1097  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(387)  
 <223> n = A,T,C or G

<400> 1097  
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 aaataaaaat ggccatatgt ttgaaactca gcacatctg ccctagggaa gtaataaaca 120  
 aaacaagaga gcacaaagac tcaataaaag aagcaaatgg ggcacatcaa aaaaagtcta 180  
 ttgagaaaaat ttaccccagt agctaaaagt aactgatagt agagtataaa ttgaggtata 240  
 agaactctca gtgttcagta tgacagtggg tacacttaag actaagtgtc tttttttctc 300  
 atttaacata atttaatact tatagaagtt tcaagaactg tacaagaagt ttcagaataa 360  
 tttttacca gatttcccaa atgttat 387

<210> 1098  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<400> 1098  
 ccccatcgatt cgaattcggc acgagggtat ctattttaag tcaggggctt tactagccga 60  
 tttagttctc acaataacca tgtggagaag ctgtgacatt ttaatttac aacctttctg 120  
 gggctcagac ataaagtac ctatccaagg ttgcagttgg gtagtgggtg gaccaggatg 180  
 gacaactcat tggccctgcc tcaaaagcca tacctcttct cctgctatgc agaactgtgt 240  
 tctcctgaat ctctgtgatg ctggtgggaa ttgtttgcat agaggaagga caataaccct 300  
 gccatcgtga gttaatgtcc gggctggtca cagtgggtca tgcctgtaat cccagcactt 360  
 tgggagtcca aggcaggcat atcatttgag gtcaggagtt taagaccagc ctggc 415

<210> 1099  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 1099  
 gatcccatcg attcgtggag ctaggtctcc aggtgggcct ggttcccagg cagcagggtg 60  
 gaaccctggg cctggatgtg aggggcggtc aggaaggggt acaggggttc cctcatctg 120  
 agttccccct caataaagca aggtctggac ctgccttccc aggccttct gtgggggtga 180  
 aggtggggaa ggctgcggc gccagatca ctgccttagc agtagtcttg cctgttcagt 240  
 gcaaggggca ggttttggg ggaggaattc ttagcgcaag gacgggcctc agccctgtcg 300  
 cctccagggg gccgctgacc caggtgggga gagggcaaaa gaaggggtgg ggacgtgggc 360  
 aggccaggct cacaggtgga aatcacggat gcagggtggg gccacgcca aggcctgcag 420

<210> 1100  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(383)  
 <223> n = A,T,C or G

<400> 1100  
 gacttcggt cggcgtgagc gtgaggtgtg ggtgttcgtt tctcaagtaa aacatggcta 60  
 aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc 120  
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgtt ttaatgaaag 180  
 atgttcaaga gatagcaact gtggtggtac ccaaacccaa acattgccaa gagaaaatgc 240  
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaaca 300  
 aaaagactct tctagaccag catggacagt acccaatatg gatgaaccan aggcaaagaa 360  
 aaaagcttga ggcaaagcga gat 383

<210> 1101  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 1101  
 ggcacgaggc ccggccatgc ttgtcctgtt gaccgaccag gaggtcctcg gggagctggg 60  
 gcgggcgaag ctgccggtcg tgggggccct gatggagcgt ctcggtgtgc tgtggacgct 120  
 gctggtgtcc cgctggttca tctgctgtt tgtggacatc ttgcccggtg agacagtgct 180  
 tcggatctgg gactggttgt ttaacgaagg ctccaagatt atcttcggg tggccctgac 240  
 cttaattaag cagcaccagg agttgatttt ggaagccacc agcgttcccg acatttgcaa 300  
 taagtttaag cagataacca aagggagttt cgtgatggag tgtcacacgg ttatgcagaa 360  
 aatatttttc agaacctggg aggttatcc ctggggcacc cgtcgccca 409

<210> 1102  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1102  
 cggtgctgtc gtaaaaatta gtgatagagg tagagattta catatatata aatctcattc 60  
 attacttact atagaacaca gtaattttta tatgttcctt tgaaacatat gaagaaaagc 120  
 agagttttca catatatgta gttagaaaag ggaaagcgct ataataacag ttagtggatt 180  
 tttttgttac tatatcaaac tccccacata tttcggaat aagttgcaat gtagaatctg 240  
 aaagcctatg actaaacttc catactcaag tgtaaaaagc tattggttta gcatgcactt 300  
 taagatgata ttttaccat aagtgatttt tgacatcata tattggtcat ttgaaaaata 360  
 ctgcttcact gtattatgta attaattgca taaatg 396

<210> 1103  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 1103  
 cggtgctgtc gacctagttg gtgcctcaca gggttcctgc tgctggtgt cttgctgac 60  
 atcacctgg tcacttcacg ctgattagaa tgacatctct ttcgtctcct attttggtac 120  
 ccaactcttc ctatttttgt taccaatcac tgtgctctct gccgccccct ggctccaggc 180  
 taatttttct ggaatgaatt gagaagggtg cgtgctggcc tgagctgatg gaccacttgg 240

tgttttgcgt	tttggcccat	gtttgctgcc	tctatctggt	ctgccttgcc	cgtttgccctg	300
ttccctattca	gtgtcttttc	tattttttcc	tctctcgttc	atgccttctg	ttttgctctt	360
gtccctggag	catatctgcc	taattaagat	gttgg			395

<210> 1104  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1104						60
cgttgctgtc	gggaaagtaa	ccaagaaacc	tctaggaatt	agtgaaaaaa	gaactttttt	
gaggtgtgtt	actatactgc	tgtaagttat	ttattatata	aagtattgta	aatagaatag	120
tggtgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	tagtcactat	180
taaattgggg	ttacctatat	cagtacaatt	tgtagttgtt	tccaggtttg	gctaataatc	240
attccttaac	ctagaattca	gatgatcctg	gaattaaggc	aggtcagagg	actgtaatga	300
tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttcctaa	taggaattca	360
ttaacctaaa	acaagatgtt	actattatat	cgatag			396

<210> 1105  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 1105						60
tactccacaa	atagagatgt	atctactcgg	atcgggggaa	ctgtaggaga	gaatatgtga	
aagccacttc	ctacgcccac	tacgaatgag	ttgtctttta	acatctgcca	ggcccaggca	120
gctctccatg	caagtgcaag	ttcacaaaga	agttttctac	tcctgtccta	ttccgccttc	180
ctttgatcct	actctggaag	agttagaaac	tggaacactt	ggggtgcaag	cataaaaatt	240
aggtgtctca	tctccttccc	cactgtggac	ttctagccta	cagaagttcc	tagctgaatg	300
aaagacctag	attttgtact	atctcatgtt	tgggatttgg	attgagacca	caccatagaa	360
gagaatcatg	agcctagagc					380

<210> 1106  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<400> 1106						60
acttgagccc	aggaggttga	ggctgcagtg	agctgtgatt	atgacactgc	actccagcct	
gggcaacaga	gcaagaccct	gtctcctcct	tccccgtccc	ctccaaaaaa	aaaaaaaaaa	120
aaaaaaaaaa	aggggggggg	ttttttcggg	gaacccccacg	gggaaaaaac	ctttgggggg	180
gtggggcccc	ccccccctta	aagggggggg	aaaaaaggtt	ttttttggga	aaattggggg	240
cgctttttgtt	tttttgcccc	ctttaaaggg	gggaaaaaac	gagtaacag		289

<210> 1107  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1107						60
cgttgctgtc	gaggaactcg	gccgcccgga	gttggtggcct	catcgtgctt	cccgccaaaa	
acgccttggt	actgtcggga	cgcggctaag	cgtggacgcg	cccgcactctg	cccctcctcc	120
gcagtgggtg	aagacacccg	cggagcgcgg	gtggataagg	gccgtttcct	gagaccagag	180
ctgtatccgc	agcagcctac	ccgtatatta	caagaaatct	caagtcaaac	actggaaaag	240
atgtcagaag	attcagaaaa	ggaagactat	tcagacagaa	caatcagtga	tgaagatgaa	300
tcggatgagg	atatgttcat	gaaatttgta	agtgaagatc	ttcatcggtg	tgcactttta	360
acagctgact	cttttggcga	tcccttatcc	ccc			393

<210> 1108  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1108									
cggttgctgtc	gatattctga	aagatgtcag	tggagtgcga	gctcttgaaa	gtgctgttca				60
acatgaaacc	ttaaactata	taggtctgct	ggactgtgtg	gctgagtatc	agggcaagct				120
ctgtgtgatt	gattggaaga	catcagagaa	accaaagcct	tttattcaaa	gtacatttga				180
caaccactg	caagttgtgg	catacatggg	tgccatgaac	catgatacca	actacagctt				240
tcaggttcaa	tgtggcttaa	ttgtgggtgg	ctacaaagat	ggatcacctg	cccaccaca				300
tttcatggat	gcagagctct	gttcccagta	ctggaccaag	tggcttcttc	gactagaaga				360
atatacgga	aagaaaaaga	accagaatat	tcagaaa						397

<210> 1109  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1109									
cggttgctgtc	gaaaaaggag	agctcttctt	caagataagg	aagtggtagt	tatgggtgga				60
acccccggct	atcagtccgg	atggttgcca	cccctcctgc	tgtaggatgg	aagcagccat				120
ggagtgggag	ggaggcgcaa	taagacaccc	ctccacagag	cttggcatca	tgggaagctg				180
gttctacctc	ttcctggctc	ctttgtttaa	aggcctggct	gggagccttc	cttttgggtg				240
tctttctctt	ctccaaccaa	cagaaaagac	tgtcttcaa	aggtggaggg	tcttcatgaa				300
acacagctgc	caggagccca	ggcacagggc	tgggggcctg	gaaaaaggag	ggcacacagg				360
aggagggagg	agctggtagg	gagatgctgg	ctt						393

<210> 1110  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(403)  
 <223> n = A,T,C or G

<400> 1110									
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gggaggcaca	gtccaaggag	acactgtctg	gacacaagga	taagggtgaca	gctgccaaat				120
tcaagctaac	gaggcaccag	gcagtgactg	ggagccgcga	ccggacagtg	aaggagtggg				180
acctcggccg	tgccatttgc	tccaggacca	tcaatgtcct	ttcctactgt	aatgacgtgg				240
tgtgtgggga	ccatatcatc	attagtggcc	acaatgacca	gaagatccgg	ttctgggaca				300
gcagggggcc	ccactgcacc	caggtcaccc	ctgtgcaggg	ccgggtcacc	tccttgagcc				360
tcagccacga	ccaactgcac	ctgctcagct	gttcccagaga	can					403

<210> 1111  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1111									
gggagtcgga	gggggcagct	agccgagatg	acgaggcacc	actccagcct	ggcgacagag				60
tgagattttg	tcctaaaaaa	agaaagaaag	aaaatgaaaa	catttcatct	ggaatatcca				120
aaattaggtt	taatataatt	taaatctcat	tagacttttt	gatagattgc	tgtaaatatt				180

atgtgaaagt	tatgcttgct	ttcaatttca	gtggtgtag	atatctaat	acaagcctgg	240
ctatttttgg	tttttttttt	tttttaaaaa	aaactttggt	cttcaaccgg	gccggagggg	300
ggggggaaca	atttggttaa	aaggaacatt	ggcctccaaa	acccccccct	ttccccggcg	360

<210> 1112

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1112

cgctgctgtc	gttaagtttc	atgggttaagc	tgttttcagc	aggcccacga	gtatcaagaa	60
caaaagggac	ggtcctccag	taaagatggc	catcaaggca	gcaaactctaa	tgactccggg	120
gaagaagcat	aaaaagagtt	tatttttgtg	taaaggctac	ccacgcataa	ttcttcctgt	180
gcccctagct	tggcaagccc	ctttactgga	accctgggtc	tgatatatgt	ttaccaggcg	240
gacgtctgtg	cgtgctttat	tctcttcttt	ttctttatat	agccccacc	cccatcccct	300
gccttttttt	ttttttttgg	aaaaaaacac	cacctttttt	tggaaaacaa	aacaacattt	360
ttgggggcttt	ccccccccct	tg				382

<210> 1113

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 1113

ggcggtctggc	gcggcgggacg	ggatgaggcg	ctgcagtctc	tgcgctttcg	acgccgccccg	60
ggggcccagg	cggctgatgc	gtgtgggcct	cgcgctgata	ttggtggggc	acgtgaacct	120
gctgctgggg	gccgtgctgc	atggcaccgt	cctgcgggcac	gtgggccaatc	cccgcgggcgc	180
tgctcacgccg	gagtacaccg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	240
ttccgtggga	cttggtggccc	tcctggcgctc	caggaaacctt	cttcgcccctc	cactgcactg	300
ggtcctgctg	gcactagctc	tggtgaacct	gctcttgctc	gntgcctggc	tcctggggct	360

<210> 1114

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1114

ttatttgggt	cttggtggga	gaataattat	tgctattggt	tttgtttagta	tcccaaagaa	60
aagttattat	ttttaatata	cgcacctaga	tctctgtctc	tctctacaca	cacacacaca	120
cacacacaca	cacacatatt	tacatataga	tataaatctg	gaatgtatct	ttttatacat	180
acatttgaaa	tataaatcaa	tatctctgta	tatatccatt	tataacttata	tatatggtca	240
tattggtatt	atttatagat	ttaagaaaac	tactttgtta	aatagattgg	caagattcct	300
tgagtacgat	gaaacttcaa	attgcctata	aagtaag			337

<210> 1115

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1115

ataagattgg	atgactgctt	gaaagttata	tgaaactgtg	taattcagct	tgagaaaatt	60
aagttccctg	cttcatgttt	atacctcacg	tgattactca	tttcaagcat	actgtctctt	120

tccgagagta atgatgaaaa cattgaagaa accatcgatc caattaccca tactgatccc	180
agaagtataa agaaaatggt aatattcttg tatgtcttct tttcatattt gggatagctt	240
gatataaagt gggaagtctg tatgatttta ctgtgctctc agaatagggg attttgtttt	300
gttttaatgg cagctggcgt tggaaagag	329

<210> 1116  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 1116		
ggcaagatgc tttctacagt agacagttcc ataagagggc agacagttga gggctattta	60	
ccaaaagcca gtcctcccag ctattgggag ataagtccca attcttgaag acaggggtggc	120	
atatcactag tacagtaata tagataaaaag ttttttaatg atagttagc aaacgtgaag	180	
tttttaattt atttaaattt tatttattaa attgcctgtg aatgtgacac tttcttcatg	240	
catgttttat caggtaagtg cttctttctc ccttgaaaat tgtaattctg cagagagggg	300	
gctactgtaa atttaagctt tttgtttgtn	330	

<210> 1117  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 1117		
aaatgatacc tttaaaaaag cctcttccta aagacttctt ttaagtaaaa tgatgatcac	60	
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa	120	
attactccag tcaaaaagat gtactcaatt aattctttat taagggcggt gtaaaatcta	180	
agtgattggt ccagagaagt taggcagtgc caggaaaata tttatcactt agcttagtaa	240	
ttatttactt agaaaaagtt caaaaaaggc cgggcgcagt ggctcacacc tgtaatccca	300	
gcactttggg agaccaaggt gg	322	

<210> 1118  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1118		
aaatgatacc tttaaaaaag cctcttccta aagacttctt ttaagtaaaa tgatgatcac	60	
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa	120	
attactccag tcaaaaagat gtactcaatt aattctttat taagggcggt gtaaaatcta	180	
agtgattggt ccagagaagt taggcagtgc caggaaaata tttatcactt agcttagtaa	240	
ttatttactt agaaaaagtt caaaaaaggc cgggcgcagt ggctcacacc tgtaatccca	300	
gcactttggg agaccaaggt gggc	324	

<210> 1119  
 <211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 1119		
gtgacaataa tgtattttat aacattaacc atttttagat tctttgaata aactcaattt	60	
ggcaaagggt cgggtggttt ttttttttta aaatagggct tggtaaactt actttttggg	120	



gaatttttgca	tttataaccg	ggccttcac	atctttaact	ggaaaattct	attctaagtt	180
ataaaactta	aggcaagtta	ctcaaataat	acattaatac	ttgccacga	atctttaaaa	240
gaatccagaa	aaaaggaaaac	tccctttttt	cttcaatact	acctatctc	tgccccaacc	300
ttttctattc	attctttt					318

<210> 1120

<211> 187

<212> DNA

<213> Homo sapiens

<400> 1120

acacttttaa	atatgtaatg	cttccaatct	tgttttgtgt	atctcattta	atttggtata	60
aggtagtact	gatttttagca	tattaatgcg	acttcttctc	tgttggttgc	tttgggtctgt	120
ggtcatccag	agagcttaaa	ttgtcattat	tttgggaaga	aaacctgtat	ttttggtagt	180
ttacaat						187

<210> 1121

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1121

aactagatgg	agtcctggca	ctcactggga	ttgagaacac	atgacaaact	aataggttta	60
ctgggcaggc	ggctaagctg	atctacttgc	tggttcaatt	agctccactt	tccggagggt	120
agcattttcc	caaccttgcc	ccatgctctt	gtgggtacat	ttaccttatt	tggggcctta	180
gcgctttaca	aatgaacggt	tcagtttaag	agacattgcc	gcataactta	tattaagtgg	240
tatgaattca	aaagcaagct	ctgccactac	acatcagaat	ccagcactga	aggagggtgtg	300
gaagtcataa	agatggaca					319

<210> 1122

<211> 174

<212> DNA

<213> Homo sapiens

<400> 1122

gtagatacta	tgtgttgaag	tctatagcta	agcaacttaa	gccaaaaagg	tctttcaact	60
gaagctttta	tcaacttatt	ttggagatgt	tctctttcct	ttactcatgc	gtgattccta	120
aaataataag	atacatggga	ttaaataagc	cttggctttt	aacacaaatc	aggt	174

<210> 1123

<211> 177

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 1123

anaaacaaaa	gccacatcct	gttttttata	ctgtcttttt	gtggcttgct	catggcatga	60
atctttctagc	tgtcaacaaa	gggaggggcg	cttttgggct	ggaggagaca	agaagccttc	120
aggaaaaagg	agggtctttg	atacattttc	ttcttttctc	tcctttcttt	ccttcct	177

<210> 1124

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1124

acagttaaga	aaatattaca	gaatgtagaa	caaagaaaca	aacagaaaac	aaattagtga	60
aaaaaaatta	cacacacata	cacacacgca	cacacttata	tatctctcta	tatatatcta	120
gttcagtact	tgcaatatag	gcacccctaga	gagaaacaat	ggacaaagta	gaaggaaaaa	180
tgatcaagga	actaataaag	gagatgttcc	cagactaaat	gcagtcataa	gtctgcagtt	240
ggagtttgct	tactaagtgt	ccagcacatt	aaataataaa	aggctcacia	cctaaacaga	300
tttttgagaa	atttgaacat	ccaaatgaaa	aaaaatagaa	aatcctaagt	ctttcagaga	360
caataagtaa	ctacaaagga	agaanaatat	ga			392

<210> 1125

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1125

cgttgctgtc	ggtgaaagag	aaatgttttt	cttggtgcat	tgattacatt	ttataaattt	60
gcttagctgg	aaagtttggg	aaaagaggcc	tgtttgtaa	ttgtacaacc	gattgtgaag	120
ctctagtgtg	aatattttta	cgtctgtatt	agacattttc	tttgcaaatc	tattgttcga	180
ttgaaatgta	aatgaaatta	aagatggtgt	acacccatca	tgtaaaaagc	aggcaccatc	240
tctaagatgg	atttaaatgct	cattttttaag	gcataactc	agcttctatt	taaaactata	300
atttaaaata	attctgtaca	atgaaatggg	gaatatatat	gggaataaat	tctattccat	360
ttatttcaat	ttgaatttcc	aaattgtaat	gtttcccttt	gtgctatagg	aatag	415

<210> 1126

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1126

agaggaggag	aatcgggagc	agaagaagga	ggaagagatg	aagagaacaa	caaaagaatg	60
aggaaaagag	aagaggacga	caggaggagg	agaggatgag	aaaaagagga	aaggaggaaa	120
ggaagagaag	gaggaggagg	agaaggagga	gtacaggaga	tggacaagga	ggaggagggg	180
accaggaaga	ggagaagacg	acgagaaagg	agaggaggag	aatcggcagc	agaagaagga	240
ggacgagatg	aagaggtgaa	tgagaggagg	aggaacggag	aacataacga	ggaggataac	300
aggagtggac	atgactgcat	gctgcattca	ctcggacacg	ccgccccctta	tttcaggacg	360
aacccgtggc	ctatgtgata	ccgccc				386

<210> 1127

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 1127

aggcagctga	tacactaggc	atagagtgtt	tgcagcacag	agaaaagtgc	agcagcacct	60
cactcgatcc	tgctggcatt	ggctttcagc	tgcttcttaa	ctttgggtga	aacggcagct	120

gcccaaccagt	cacactggct	ttttgtgaga	ccactaccat	tcccagagata	cttctgatta	180
gccatgcact	ctgccatagc	ctcaggaggt	tggaaactttc	agtacctgga	agaagagttt	240
ttacccaaag	aacagcttct	tcctttatga	tctggccagt	tgtcagtgga	ggaagggtgtt	300
tgtcccctca	ggtggctgaa	aggtaactac	ataattgata	agagtattag	gaataactat	360
agtcttgccc	ttcaaactga	tcttgaacca	actgtgtaca	tactttgggg	cactaaggaa	420
aan						423

<210> 1128

<211> 413

<212> DNA

<213> Homo sapiens

<400> 1128

cccatcgatt	cgaattccgt	tgctgtcggg	ggaagactcg	gagtgcgatg	gcggcgcaaa	60
ttccaattgt	ggccaccact	tccactcccg	gaatagtcg	gaacagcaag	aagaggccgg	120
ccagcccttc	ccacaatggc	agcagcggcg	ggggctatgg	cgccagtaag	aagaaaaaag	180
cgctcgcttc	cagctttgcy	cagggatca	gcatggaagc	catgagtga	aataaaatgg	240
tgccctctga	gtttagcaca	ggacctgtgg	aaaaagctgc	caaacccttg	ccatttaagg	300
atcccaactt	tgtgcactct	ggccacgggtg	gcgcagtagc	tggaagaag	aacagaacct	360
ggaagaacct	gaaacaaatc	ctcgcttctg	aaagggcatt	ggccgtggca	acc	413

<210> 1129

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1129

aacccactg	taggagcact	cttgaagaaa	atctgcctta	ccatctttaa	caagagttta	60
aaaatacttt	tttctttaaa	agttacttac	tgatccagcc	ctttataaga	agaaaaaccc	120
ttagtcccca	ttttctaaca	gtgaatttat	tagttttctt	taaagaaaac	aataataaaa	180
gaccagtc	aaatctat	tattcatcaa	gaatcttctc	ctattgagtt	gcttcattcc	240
attaagctta	aatcagcta	gactgaaaga	acctcagata	cttaagggtg	gttcattatg	300
ttctatagat	attctactta	tttataatga	ggc			333

<210> 1130

<211> 418

<212> DNA

<213> Homo sapiens

<400> 1130

cgttgctgtc	ggtgactctc	tcttctagag	aagagggttt	caataacagg	gcttggaat	60
gaacgtagaa	ggggaaatag	atcttttcag	atgctgcttt	cccatgtaat	acaagcgttt	120
ctacagggtg	ccagagggtg	gaaatatgtg	acacttaaga	acagtgattt	ttattgggaa	180
ttttcttagg	gttattacac	ttaaagcaac	aaccaactag	taacagctcc	aggaaagggg	240
aatgaatcaa	ctcttggttc	tttctgaag	acggcagtg	tgtggataag	tgagttttta	300
atgccttggc	agtggctaca	tttgacactt	tagaaaaaat	aaacatattt	aataattttt	360
gtttctcctt	aggaataaga	ctgtagaact	gttttgtact	gtgaattacg	gatgctct	418

<210> 1131

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1131

caaagtgttc	ttatttagga	aacacacaca	ttattacctt	agaaaatatt	tcattatatt	60
tgcaagctac	ataaaatagt	tcttgtatgt	gtataattta	ttttatccta	tcattctaga	120
aaggatttta	attgggtctt	atttttaatg	tatgtctatg	taatttcctt	acttataaaa	180

taaacttgtt	tattatagga	tagtattaac	tgaacaaaag	gctgtataat	tttctgtaca	240
catatgaata	ttttctaact	catttttcatt	catctcaact	ttagaatgtc	tcatttttct	300
tgactaaaaa	actctcagag	ccaacagtta	tgccctccaa	aggaagcaat	gcaggtgata	360
ataagtgaag	aaatgctgat	acagaccct				389

<210> 1132

<211> 422

<212> DNA

<213> Homo sapiens

<400> 1132

cggtgctgtc	gggcaactaa	acctgtcctc	ttgaattact	tcttcactgc	gctttctgag	60
gaaatgctga	ttgggttactg	ctaaagattc	cactaacaat	tcaaattggg	gatctttgtt	120
cccatggcat	gaaaatgccc	atgcccgc	gcaaaaatgc	tgaaggctctg	aaagacagat	180
tgttttgtgg	aaagtaaaga	gctctgggtc	ggaagaaact	gtttccctaa	agcgtgttcg	240
ggtgtgattt	gtgtgggggg	ctgaaagcta	ctgcatgaat	cataacggct	cattgaaatg	300
tatggacctt	gggtttaaatc	cagggaccgc	gctcccaaac	acactcttga	aatgctgttg	360
aaaactgttt	tataaagcta	agaattgcac	ttcttgaggt	ataaaaacca	aacggaagtt	420
gg						422

<210> 1133

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1133

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aaaagaagac	tccaaatcca	ttctctgtc	gccccaggg	caatgctgcc	aggagaggga	120
gtgggttccc	ccgcaggcta	tcccaccgat	ggggctgaga	gcttaatttg	gggttttatt	180
tgaattggag	acattgttcc	ctcttcgctc	ctctacccca	taaaattccc	tacaaatgca	240
aaaattcgag	atagaagaag	ccgtccctga	aagtaagttc	tgaaggattc	ctttcatgcg	300
gtgaaggaac	aacaacaata	ttcaacttca	ccttggtgtg	tgagggtcgt	cgtgttttaa	360
aacactatcc	ctgtagaaag	attagtgaag	tgtattggaa	gaagtagtgg	aaacg	415

<210> 1134

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1134

ttgtctgtgg	gaatttcaac	agaaggtaat	acacaggcaa	actacacttg	aaggcaacat	60
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ctcagttggc	cggaatgaga	tattttcaga	tgaaagccta	tgactctgtg	tcactttccc	180
ccttattttt	gaatctcatg	tcttagttct	gcaggcactg	ttatttttaa	ttattattat	240
tatgctgtgt	gccaaagctat	tccactttac	acagagttga	ttagagacct	gacaaatcca	300
ggccaacata	aagtcctggc	ttccagatca	gactacgtga	acaaagaaaa	aaaagaaatc	360
taccaaagtg	ccagctttta	gaaagctctt	a			391

<210> 1135

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1135

ttgtctgtgg	gctttccatt	ttaaacctga	cctttctggc	tctgggtttt	tccattttta	60
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agtatgtttt	caactatttc	tcttgaaact	tggaaacgta	ttagaccatg	tgggatacca	180

cgcgggacggg	aacgggggat	aaatgtgtgt	tcatatatac	tcctccacaa	atatacatgt	240
ctcaggctg	gcgcagtgg	tcacgcctgt	aattccagca	ctttgggagg	ccaaggccgg	300
cagatcactt	gaggtcagga	gtttgtgacc	agcctggcca	acatggtgaa	accctatctt	360
tactaaaaat	acaaaaatga	gccggggcgtg	g			391

<210> 1136  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(432)  
 <223> n = A,T,C or G

<400> 1136						
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atgtgacttg	tttttctcct	cctttgcctt	tctctttgga	ggcctgtagg	attttctttt	120
tgtccctggg	gttctataat	ttcacagtga	tgttgtgggg	tggaaatctt	tctcattttt	180
tgagctgtgt	ctttgtctat	cttttttcca	tttgggtaac	aatctatatg	ttttgttggg	240
agatcaaaca	aatatcagta	tctgcattgt	ttatctcttg	ggccaattgg	ttttcttaga	300
gaagaacctc	ataatctgct	cagggaggtta	gtttaagacc	agcatcattg	tgggagccca	360
gtggtggaag	caggaatgat	gtcctcacca	tttggtgtac	aggttctcac	ataatgcttc	420
tgttctcagt	cn					432

<210> 1137  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 1137						
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accgcaggat	gtaactgggg	agtcctggag	agtgcactaga	accggaaagg	gggcagacgc	180
tttgagggag	gcaggcgggg	gaacaaacgg	gttgcagcca	gcaggctggg	ccgagggttc	240
gggggacatt	tgtcctgggt	gttgaagcaa	gctggctcct	ggccgcttac	ctagtatcct	300
gtgaactctc	acatggcatc	gtcaggaacg	aagcgcagcc	attcagtcaa	agcggccggc	360
tggagaggca	acaagcaggt	gcagctg				387

<210> 1138  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 1138						
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aggaagcaga	tagtccttca	gatagtggac	agggcagcta	tgaaacaatt	ggacccttga	180
gtgaaggaga	ttcagatgaa	gagatatttg	taagtaagaa	gttgaaaaac	aggaagggttc	240
tacaagacag	tgattccgaa	acagaggaca	caaatgcctc	tccagagaaa	actacctatg	300
acagtgccga	ggaggaaaat	aaagagaatt	tatatgctgg	gaaaaatata	aaaatcaaaa	360
ggatttacaa	aactgtggca	gacagtgatg	aaagttacat	ggaaaagtct	ttgtatcacg	420
a						421

<210> 1139  
 <211> 422  
 <212> DNA

<213> Homo sapiens

<400> 1139

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tcacctagaa	atcaatgacc	caaacgcat	ttcacaagag	gaagcagata	gtccttcaga	180
tagtggacag	ggcagctatg	aaacaattgg	acccttgagt	gaaggagatt	cagatgaaga	240
gatatattgta	agtaagaagt	tgaaaaacag	gaagggttcta	caagacagtg	attccgaaac	300
agaggacaca	aatgcctctc	cagagaaaaac	tacctatgac	agtgccgagg	aggaaaataa	360
agagaattta	tatgctggga	aaaatacaaa	aatcaaaaagg	atttacaaaa	ctgtggcaga	420
ca						422

<210> 1140

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1140

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aatggtgccg	agcgtaata	actcctcagg	tccctgcctg	cacagggttt	tttcttaatt	120
tggtgcctaa	gagtacacca	aatgtgacat	cctttcacca	atatagatta	cttcatacca	180
cattgtcaag	gaaaggacta	gaagaatttt	ttgatgaccc	aaaaaactgg	gggcaagaaa	240
aagtaaaatc	tggagcagca	tggacctgtc	agcaactaag	gaacaaaagt	aatgaagatt	300
tacacaaact	ttggtatgtc	ttactgaaag	aaagaaacat	gcttctaacc	ctagagcagg	360
aggccaagcg	gcagagattg	ccaatgccaa	gtccagagcg	gttagataag	gtagtagag	419

<210> 1141

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1141

cgttgctgtc	ggcgggtttg	gcccttcttt	gtaggagagt	ttcatccgcc	ctgaaatctt	60
cccagcgagg	gtaactcctc	aggtccctgc	ctgcacaggg	tttttttctt	agtttggtgc	120
ctaagagtac	accaaagtgt	acatcctttc	accaatatag	attacttcat	accacattgt	180
caaggaaagg	actagaagaa	ttttttgatg	acccaaaaaa	ctggggggcaa	gaaaaagtaa	240
aatctggagc	agcatggacc	tgtcagcaac	taaggaacaa	aagtaatgaa	gatttacaca	300
aacttttgga	tgtcttactg	aaagaaagaa	acatgcttct	aaccctagag	caggaggcca	360
agcggcagag	attgccaatg	ccaagtccag	agcgggttaga	taaggtagta	gattcca	417

<210> 1142

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1142

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aacgtgataa	ggtgctgact	gattctggtt	cattggattc	aactatccct	gggatacaaa	180
ataccatcac	agttaccacc	gagcaactta	caaccgcac	atttctgtgt	ggttccaaga	240
aaaataaagg	tgattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	ggaaaaggag	300
attctacact	tcagggtttct	tcaggattga	atgaaaacct	cactgtcaat	ggaggaggct	360

ggaatgaaaa gtctgtaaaa ctctcctcac agatcagtgc aggtgaggag aagtggaaact 420  
ccgttttcan 429

<210> 1143  
<211> 435  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(435)  
<223> n = A,T,C or G

<400> 1143  
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cgtggagttt gacatgggtca agctgggtgga ctccatgggc tgggagctgg cctctgtgcg 120  
gcgggctctc tgccagctgc agtgggacca cgagcccagg acaggtgtgc ggcgtgggac 180  
aggggtgctt gtggagttca gtgagctggc cttccacctt cgcagcccgg gggacctgac 240  
cgctgaggag aaggaccaga tatgtgactt cctctatggc cgtgtgcagg cccgggagcg 300  
ccaggccctg gcccgctctgc gcagaacctt ccaggccttt cacagcgtag ccttccccag 360  
ctgcgggccc tgcttgagc ancaggatga ggagcgcage accaggetca aggacctgct 420  
cgggcggtac tttgg 435

<210> 1144  
<211> 425  
<212> DNA  
<213> Homo sapiens

<400> 1144  
cgattcgaat tccgttgctg tcggcagtg aaacagttc acgccatgat ggaaaggaag 60  
ttgatgaagg agcctgggaa actaaaatta gtcacagaga gaaacgacag cagcgtaaac 120  
gtgataaggt gctgactgat tctggttcat tggattcaac tatccctggg atagaaaata 180  
ccatcacagt taccaccgag caacttacia ccgcatcatt tcctgttggg tccaagaaga 240  
ataaagggtga ttctcatcta aatgttcaag ttagcaactt taaatctgga aaaggagatt 300  
ctacacttca gggtttcttca ggattgaatg aaaacctcac tgtcaatgga ggaggctgga 360  
atgaaaagtc tgtaaaactc tctcacaga tcagtgcagg tgaggagaag tggaactccg 420  
tttca 425

<210> 1145  
<211> 397  
<212> DNA  
<213> Homo sapiens

<400> 1145  
cgttgctgtc ggttcaggtc actgattggt tggaaagcct gataaactgc cacggccacg 60  
aggagtctaa ggacacatcc aatttccatt cgcattccaaa atggaatccg agacagaaag 120  
aggaccttag ccttcatatc tgtttttttc ttatgaagct tcttctgggt ggaaacttgt 180  
caaatttcat caggtaagaa gtgctaaagt gaacctgtaa actttgtttc aaaaaacaaa 240  
aaccgaagtt taagaaatct aaagatgggt tcagccttag acagatctct ggactgtaat 300  
ctgggaaagg tcaaataaga tctccaatcg tgtacaattc caaatacatt tgagagcagt 360  
gggtctgaaa atgtggttcc cagaccagca gcatcaa 397

<210> 1146  
<211> 391  
<212> DNA  
<213> Homo sapiens

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<400> 1146
cggtgctgtc gatcatttca tggaaatata ttttcttcac atttggggccc caacagcaca      60
ggtgttgcta tatttttgtg gtgaggaact gagaccagg gaagtcacgg tactttgccc      120
aaagtcaccc cgatgtcaag cgttagagca agaatttgaa ccccagagct taactcttaa      180
ccattttgct aactggctgt ctctccaggc ccccatcacc ctttccatca ccttcccttg      240
ccccaggggc atcctatcaa atggcagttc cccctcgtg tgcctcagca tctccaattt      300
agagcttcat ggatctcttc ctggtgaagt catgggatgg atttcccatc tcagaaactg      360
cacaagaaac aaccttggag ttttgaacaa g                                391

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```

<210> 1147
<211> 396
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

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<400> 1147
ggcacgaggg ctgctccagc agcttggatt cagagtgaga aggcataaag gagaatgccc      60
agctgacttg tgcagtggtt aattgaaatt attcaggcaa gagatgatgg tgtcttggac      120
caggggatga ggaaggctac aaaatgtgtc tacctgtatt ctgtgaggag aacgtgttcc      180
ctggttttag atactgtgaa gatggatcag gagagagttt atctagactg ttggggaaag      240
gtgttgcat tccttcagct acacaggatt gaaaggagac atttctgaag gggaaaaagg      300
aaatgaaaga aaagatgttt cagattgagg atatgctgtg tggatgaact gttcttcaact      360
ctgttagggt tcacaaatga ctcttcaact cctctn                                396

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```

<210> 1148
<211> 401
<212> DNA
<213> Homo sapiens

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```

<400> 1148
ggcacgaggg acattgaagc aacactcagc gttgcctagc gttaaaggca ctgcagagaa      60
atgaggtgca gaggtggccc ctctgagtat ttatttgact caggtaccag tggtagatat      120
atacagtgtg attatgacca ggctggtaaa attggctgct cgcaaacaat cccctttttt      180
cctggcagta tttggaattt atcatttatt aataactata catttttaaa ggcagaagaa      240
gaaaatctat ctatcatcta tctatctatc tatctatcta tctatctatc tatctatcta      300
tctatctaaa tgacctgaca gaagaaaact gttaaaaatg gatattattg gaggggattt      360
aaaacagtgg gtgtgaatta tcattctgat ggaaagaaaa t                                401

```

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<210> 1149
<211> 394
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

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<400> 1149
cggtgctgtc ggtataagag cttttcaaga tatttctcga tttctgtaag cactggataa      60
ttaattcaag accctccac tttctttgta ggaatagatg aggcaataat tttatgacta      120
taactgaatt ttttcacaca agaccttgag atttggtaga aaataggatc tgtttgatct      180
gcttgacctg gcctcccaaa gtgctgggat tacaggcgtg agccaccacg cctggccctt      240

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ttactgttct	ataaaataag	aagaataaaa	ggggtatttg	aggtacatgc	atttgaagtt	300
cttagaatga	gacctagcat	gtaggaaaca	ctcattgtta	gttgctcctg	ctattaatag	360
tagtaaatag	gtcaacatga	ctcaggttaac	attn			394

<210> 1150

<211> 370

<212> DNA

<213> Homo sapiens

<400> 1150

atacacttcg	tcattttttt	ttctctgaca	gactcagcaa	gaccaattat	attatctaag	60
aactaaccaa	ggagggtgat	agtttagaag	agtcaagaaa	aacaggtaaa	atatagcaaa	120
tatgtaaaac	aaaagaaaag	ccactaaaat	gcaaatttct	gcctaagtat	tatatgttat	180
atgctagaga	acacagataa	tcattttgacc	aagtaggaag	gaaaacaaga	aaatgaaaaa	240
agtggaaaaga	agagaaaagt	tgtaaatgaa	aaaagtttca	aatgctgagt	ttctaaagaa	300
ctgagaaaaa	aaattagaaa	cagtgattac	taaagaggat	aaaatttttt	ataaaccatg	360
acattttgca						370

<210> 1151

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1151

agttcttaat	ttttaaat	gaagtcaggt	tttagcatct	ttaagtttat	tggtgtttt	60
ataaatgtat	tattttccct	gtgaaactcc	tatttgaatc	ttttataccc	ccacccctg	120
tcctttttcc	ccttgtatct	ttttaaaaaa	ttgatttata	aaagcacttg	tgaggctgag	180
gtgagtggag	cacttgagg	caggagttct	agaccagcct	ggccaacatg	gtgaaacccc	240
atccctacga	aaaatacaaa	agttagctgg	gtattgtgga	gtgcgcctgt	aatcccagct	300
acttgtgaga	ctgaagtga	acaattgctt	gagcccggga	ggcagagggt	gcaaagaact	360
cttattgcac	tccag					375

<210> 1152

<211> 371

<212> DNA

<213> Homo sapiens

<400> 1152

tttcatttcc	tgtgtggaaa	acaattaagc	ttataatttt	gcgtttttaca	gaaacagaat	60
cacttaactt	ctgaaaggag	aaattaatcc	taattaaatg	aggctgcttt	tttaaaatcc	120
agatattata	tactggattg	ctttggagaa	aattttgttt	tataccagta	cctaaatagc	180
ttttaagagt	tcagggttaac	ctatgctgag	gaaattaata	gcaaaaagaa	aaggccacaa	240
tcaagacgga	aaggatttaa	gttttattaa	tgattattaa	gtgcattatt	tatagtagaa	300
tccccaacat	atgctcacga	aaataaacca	gttctaataa	atacatgata	aagatcacaa	360
aattagaaga	g					371

<210> 1153

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1153

gatatatgta	tttatgtcta	aaaatggtga	cctttaattt	taattggggg	gttggaaaga	60
gacagttgaa	cttaaacaca	cataaattat	tcacttctca	tcctattact	tatcctatcc	120
accttaggtg	aagagtaagc	gtaagtattt	ttttcttana	tgctaagcac	tggatgaaag	180
tcctctgaca	atcacaacac	tattttgtcaa	tacagtagta	aacatttgtt	tcagatttaa	240
aaaagtcatt	tatttccctt	gcttataaaa	taggagtaga	gagttatctg	gctgtact	298

<210> 1154

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1154

ttctagagca	cgcaacctag	atccctcaca	tgtgcagttc	acaatagggt	tcacactcct	60
atgacaacct	aatgctgccg	ctgatctcac	aggaggcgga	actcaggtgg	gtaatgctcg	120
ctggccccacc	gttcgcatcc	tgttgcacag	tccagttcct	aacaggccac	ggaccagctg	180
aggacccctg	ctctagagaa	tcgccaaatg	tgagggtggg	catgaaagt	tcaaacaggt	240
gttaaaggca	aagtgatata	aaagaatcat	cactgcagtt	ttaaagagtc	ctataaggaa	300
gaactctcat	cttttctct	tgatcaaatt	cactttcaga	ccaaagaaac	atgcatatag	360
aatttaagca	gaatactgtg	a				381

<210> 1155

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1155

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gaaaccctgt	ctctactaaa	aatacagaaa	ttagccgggc	atgatgggtg	gcatctgtag	120
tcccatctac	ttgggagggt	gaggcaggag	aagagcttga	acccgggaag	cagagggttg	180
agtgagccaa	gatcgcgcca	ccgcactcca	gcctgggcca	caaagcgaga	ctctgtcccc	240
ctcccacaaa	aaaaactggc	atgtttcatt	tattagatgt	ttattttttc	aacttcgctt	300
tttgaagtc	atttagttag	ggtcattcta	aagggtgaag	tattgagatt	taatacagag	360
aagtctctga	aaatgtttgg	gccattgtat	atta			394

<210> 1156

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1156

agccctactc	ctgggggtggg	agggggctgt	aaatgggaat	taaagtgttc	aaatgagact	60
aaccgtaggg	gtgaagaagg	tgtgagaaag	gaaaccagag	cttggcttac	tgcttaaagt	120
caggaaagcga	aactagctag	tcttccctat	aaagatagct	taaagcaaaa	caaaactagc	180
acaaatatat	tgctagccac	catggccaat	aactgaatta	ggccagttat	tggttcagtg	240
gatacatctg	tgagatcctt	aatattgctg	aagaacagaa	gcacagaaac	caccagagaa	300
gacttatgta	agaatgggga	tagagggtta	aatcccatgg	gtggcaggca	gcaggcactc	360
acaaacacac	acg					373

<210> 1157

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1157

gcctcaagca	gtcctcctgc	cttgacctcc	aaaagtgtctg	ggattacaag	catcagccac	60
tacacctagc	caaaatcttc	atcttagtac	gatccaaggg	tagtttgtat	gatatatcca	120
ttaaagtgtg	agatacactt	gtctataatt	ttcctcaaat	catgaaatga	aactgaccac	180

aaaattttca	aaaccactga	gaaaattttt	ttcaatgtgt	gatctagaat	agcttacacg	240
gcagttctaa	ttattttgtt	tgtttacact	attttaaaga	aaagttcggc	cgggcacagt	300
ggctcacgcc	tgtaatccca	gcactttggg	aggctgaggg	gggtggatca	cgaggtcagg	360
agatcgaga						369

<210> 1158

<211> 235

<212> DNA

<213> Homo sapiens

<400> 1158

ccaccagag	ctgggtgtcta	catccttcag	ccttgacttc	cacgggtgcc	actagcccca	60
gaaaacgcaa	cgcgcctcag	gttgaaatcc	tctcctctg	aaatctatga	gcctccgccc	120
ccttctcaga	gacgttccaa	gcctccactg	gccccttcac	cctctcgttt	aagggcacca	180
cattctggcc	cggcgcggtg	gctcaccctt	gtaatccag	cactttggga	ggccg	235

<210> 1159

<211> 378

<212> DNA

<213> Homo sapiens

<400> 1159

aaaatggaga	caggcacact	agcttcctca	cagtagtagc	tgtaaaattt	acgtgaagta	60
acttatgcta	actcatggca	taataacttg	catatagtat	acaatgacta	attttaacta	120
ctactattat	aaatatcttt	attttatttt	tttgagacag	aatgggtgctc	tgctccctctg	180
tcgccgagat	ctgtagtgc	cccatctctt	gctttgagt	gggcgtccca	agaattatag	240
gaacagggct	gatgggcatt	tcagccacaa	caatgtcctt	gacaacaaaa	aaaagatcgt	300
gcttcaacaa	cagaaatgca	atgtttcttt	tatcactttt	cagtgtgatc	acagtcattg	360
gcgctctgga	ttgcatgg					378

<210> 1160

<211> 404

<212> DNA

<213> Homo sapiens

<400> 1160

cgttgctgtc	gggaaaagag	gcctgtttgt	caattgtaca	accgattgtg	aagctctagt	60
gtgaatattt	ttacgtctgt	attagacatt	ttctttgcaa	atctattgtt	cgattgaaat	120
gtaaatgaaa	ttaaagatgg	tgtacaccca	tcattgtaaaa	agcaggcacc	atctctaaga	180
tggatttaat	gctcattttt	aaggcatata	ctcagcttct	atttaaaact	ataatttaaa	240
ataattctgt	acaatgaaat	ggggaatata	tatgggaata	aattctattc	catttatttc	300
aatttgaatt	tccaaattgt	aatgtttccc	tttgtgctat	aggaatagga	ttaaatgggg	360
gaagactagg	atttataagg	cctgtatatg	gggggagggc	agag		404

<210> 1161

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1161

cgttgctgtc	ggttgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	60
tagtcaactat	ttaattgggg	ttacctatat	cagtacaatt	tgtagtgtgt	tccaggtttg	120
gctaataatc	attccttaac	ctagaattca	gatgatcctg	gaattaaggc	aggtcagagg	180
actgtaatga	tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttcttaa	240
taggaattca	ttaacctaaa	acaagatgtt	actattatat	cgatagacta	tgaatgctat	300
ttctagaaaa	agtctagtgc	caaatttgtc	ttattaaata	aaaacaatgt	aggagcagct	360
tttcttctag	tttgatgtca	tttaagaatt	actaacacag	tg		402

<210> 1162  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 1162  
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 gtaggctggtt caaatggtag acataatagt gagaagccac ctgagccagt caaacctgaa 120  
 gtcaagacta ctgagaagaa ggagctatgt gaattaaaac ccaaatttca ggaacacatc 180  
 attcaagccc ctaagccagt agaagcaata tgaagaccaa gccagatga accaatgacg 240  
 aatttggaat taaaaatata tggctcccta aaacaagcac ttgataaact taaactgtca 300  
 tcaggggaatg agggaaaataa gaaagaagaa gacaatgatg aaattaagat tgggacctcc 360  
 tgtaagaatg gaggggtgttc aaagacatac caggggtctag 400

<210> 1163  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 1163  
 ggcacgagggc cgcacttctg cctgctggtt gcatttctcc tggactaagc tgcctctgtt 60  
 aatcacatgg atgttggcac agctgatgca cttgtccttc attactgtgg attatggaat 120  
 ttattggcat tggggagcaa caaggtgaga gcccttgaag atgactcaag aattcagcct 180  
 ggctcctgac taggaggatg gtgattctaa taatgaagag aatggggaag aagatggagt 240  
 tttgtgaaag agaggaaatt gtgattgggt aaggcatctg agccagcctg gctgtcaagt 300  
 atgagaaatg aggacatgat ttctggaaac agcatcccaa agatgccgtt tgcaggggaa 360  
 cctctactca gcacaaagca tttgagaagg gctgggttact tg 402

<210> 1164  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 1164  
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 gagctatagg ccttcaaatt ctaaggagga atgatcgcca acctaacatt tgatacttgt 120  
 tcacagaatc aaatggatgt gacacgggaa taaagacatt gatagatata cacattctca 180  
 aaaccatttc ctccccacat acctcttctt aggaagtgcac tggacgatga gttccatgaa 240  
 aataaggtat aaacaacgaa agatgaaaag atacggtata ggaaactggg agcaaatgga 300  
 attatcataa ccttgaaggg agaccccccc aggacagtgt gggttccata taataagggg 360  
 ttgggcctcc gtc 373

<210> 1165  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1165  
 ggcacgagga gaacttggtt cataaatgga tateccctact atgactgtga aaacatgtca 60  
 agtgtcacat tagtgtcaca gacagaaagc acacacctat gcaatatggc ttatctatat 120  
 ttatttgtaa aaatccaagc atagttttaa atatgatgtc gatattacta gtcttgagtt 180  
 tctaagaggg ttctttatgt tataccaggt aagtgtataa aagagattaa gtgctttttt 240  
 ttcatcactt gattattttc tttaaaatca gctattacag gatatttttt tattttatac 300  
 atgctgtttt ttaattaaaa tataatcact ggaagttact aatttgattt tataagggtt 360  
 ggagcattac agaataacta aactgggatt tataaag 397

<210> 1166  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 1166  
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 actgtacaca gcatttccta accagtgtcc caggcagggc ttggccagct agagtcctag 120  
 accactagtc tcagtctgga ccatttcccg cagtgtgctt caaagattcc gtgtgtgtgc 180  
 catgatatga aaaaagtacc tgccctcaaa gaacttacaa tccagtaaaa agaataagta 240  
 cccaaatcac tgtaataaaa ggtagtataa ggccggggcgc agtgggtcac acctgtaact 300  
 cagtactttg agaggccaag acaggcagat cacctgagggt caggagtttg aaaacatcct 360  
 ggccagc 367

<210> 1167  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 1167  
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 caaagacaca aagcttcagg cttatacaaa actgagtatg attagaaata cctgagccca 120  
 gaaatgattc tgagaaaaga gaataatttg aagacactta ttttaaagta attatgggta 180  
 gaaatgaatt aatttaaaca tgtgttcaca tatcccttcc tctaacagtt taacctagac 240  
 aaacatctgt atcagtattt ttttattccc ctgattgatt acatttgggt tctttattct 300  
 gagaggagaa taacaaaaaac ttcagaaatt cctaagggtg taataagaaa gtgggttttg 360  
 agtttccttt cctggaatta ttttacagtt ctttgggtggg tctcgtcag 409

<210> 1168  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 1168  
 cggttgctgtc gatggattta aacattatag ctggagtggg gctggaaatc tttgtaaagg 60  
 aagttctttc agtaagatgc cctgtcttgt ctttgtctct tttttgttta acaaggtaac 120  
 tttttgttta acaaggtaac tttttgttta acctagattt tttttaaaac tttttttttt 180  
 tttcttatgg aaaaagtatt tctttttcag taaaggaaac ctgcccacac caaacccaaa 240  
 attaaaaaat taaaaatatt ctctatccct actacctaaa aaaaaaccct tttaatattt 300  
 gggccgggttc cctgccaagg ggtttttttg gaatacagga gaatttgggt ggttttttaa 360  
 caaaacaagg ggaacattct gaacatactg gcttatagta gggcg 405

<210> 1169  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (404)  
 <223> n = A,T,C or G

<400> 1169  
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 tttatatgtg ggggttattt ggtcttttgc tttttccatc ttaaatatca tcatggctaa 120  
 aacttaaggg tatttatagt ttaattccat ttcagtttta tagagggcag taattattct 180  
 gatgaatgtt gaattaagaa atggatattt tctttctctg ttgtgcagnt attggtagat 240

caatttctta	taaccacaa	tgtagcatca	ataattgata	gcatgtattt	tatttaatta	300
cttgaattat	ttagacttga	tttctcta	ttttccata	aaaggactga	acagcaccta	360
cttgtggtct	ggacagctta	acccaaagtt	cctggaagaa	taan		404

<210> 1170

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1170

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tggtaaatac	aacttggtg	cttagctctt	cagaccacag	ccctaatttt	cattttcttg	120
tctttatcat	attagaacta	ctaagcagat	ttccaaaaac	aatccatgag	atgaagttag	180
agggatagaa	ggaggacaat	ctgaaaaata	tgaagtgatt	aaaaaacatt	gttctagcta	240
gttgctcaca	ttcaaaaaaa	atgttaaaac	ccaattagaa	acaaaagtca	tagaaaatgt	300
gagcatattg	tgttccttaa	ataaccagat	gttctttcct	tcctgaaggc	agtaagggtc	360
aggaaaaaag	gtttaaaact	attgttttaa	gttaacgggtg	ag		402

<210> 1171

<211> 398

<212> DNA

<213> Homo sapiens

<400> 1171

gcacgagggc	atttgtttaa	tttatactgg	ttacttattt	acgggggagg	ggacatgaag	60
gtaggtaaat	aggtaggcct	ctaattgaac	cacctctcta	agttatgtac	gtatatataa	120
gctgaaattg	tggttgacat	tctgagggtt	ttctttttct	ttttcctttt	tttttttttg	180
ggggggggcc	gggggggaaa	actttttttt	taaccccggg	ctgaataccc	acgctaataa	240
tcaaataata	atgagccctc	gccttttgaa	ataaaggaga	ttccccggcc	aaactttttg	300
gagaactgga	aaaaaaaaagg	ccccccaccc	accccttat	attttgttt	taaagaagag	360
ggaagtttcc	cctttgaggc	ccaggccggg	cttaaccg			398

<210> 1172

<211> 400

<212> DNA

<213> Homo sapiens

<400> 1172

tcccactcga	ttcgaattcc	gttgctgccg	atgtggcctt	tatttgact	gctcatatcc	60
actgtacagc	cacttgggag	tatcgtgcgt	agcttgacgc	aactgctgac	tgcatttata	120
ctggttattg	catattcttt	tccttggaag	cgaaagagaa	atgtttttct	tggtgcattg	180
attacatttt	ataaatttgc	ttaactggaa	agtttgggaa	aagaagcctg	tttgtcaatt	240
gtacaaccga	ttgtgaagct	ctagtgtgaa	tatttttacg	tctgtattaa	acattttctt	300
tgcaaatcta	ttgttcgatt	gaaatgtaa	tgaaattaaa	gatggtgtac	acccatcatg	360
taaaaagcag	gcaccatctc	ttagatggat	ttaacgctcc			400

<210> 1173

<211> 397

<212> DNA

<213> Homo sapiens

<400> 1173

cgttgctgtc	ggtcttgctg	taagagaata	acaactgatt	tttctgactt	cttaagcatt	60
gtaggctggt	caaaaggtag	acataatagt	gagaagccac	ctgagccagt	ccaacctgaa	120
gtcatggact	actgagaaga	aggagctatg	tgaattaaaa	cccaaatttc	aggaacacat	180
gattcaagcc	cctaagccag	tcaaagcaat	atgaagaccg	agcccagatg	aaccaatgac	240
aaatttgga	ttaaaaaatat	ctgcctccct	aaaacaagca	cttgataaac	ttagactgtc	300

atcaggggaat	gaagatcata	agaaagaaga	agaccatgat	gaagttaaga	ttggggacctc	360
atgtaagaat	ggtgggtgtg	caaagacata	ccagggg			397

<210> 1174  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 1174						
tactcatata	atcttcatta	caaccatctt	agtaacctgt	agttacaaga	aaaacaaaaa	60
tgtaagtgtg	taggaatcat	attctccaaa	ttattttaca	ttaaagacca	ctgacaaagg	120
aatcactaga	gatgttattc	cactatcacc	aaatagtata	ttgttaccat	ctgttaacct	180
acaaccttgg	gtaagatggg	ataagttaac	atcagttgca	acatacacat	tcaatgtaaa	240
atagctttta	cacaataaca	actattttgg	tttattgaaa	caagttcaca	cattgtcatt	300
aaaaaggcat	tttgaattca	ctgtattttt	attaccttaa	ttctgttgaa	catgggaaag	360
agcctggtc						369

<210> 1175  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 1175						
tcgaattccg	ttgctgtcgg	tctccttgaa	aagttgatgg	tcctgcagcc	gcacaggcag	60
ttgtgggcat	ggtgggcgct	gagtctggag	gttgttcaag	gccagcagcg	ttgcccggag	120
ccctgctgct	gacgctgccg	tacttggttc	tagctctcac	attctcagct	gcacgtttct	180
gtttccacct	cagtaaacgc	aaactcttgt	tcataggcac	agctgtcact	gcagcacaca	240
aggactcagg	tttgtaaaga	caaacgattg	atttgtgtgt	gacgtgctgc	ttgtttgcac	300
tggattttgc	aaattattta	ctaaagaaaa	gtacttcaga	ccttttgtgg	cagacaataa	360
atacagcgat	actctaattc	tcagtattca	taaaaatggg	tgaag		405

<210> 1176  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 1176						
tcccatcgat	tcgtttgaca	tagagtgaat	gcattttccc	ctctcctcct	ccctgctacc	60
atttatattt	ggggttatgt	tttgcttctt	taagatagaa	atcccagttc	tctaatttgg	120
ttttcttctt	tgggaaacca	aacatacaaa	tgaatcagta	tcaattaggg	cctggggtag	180
agagacagaa	acttgagaga	agagaagtta	gtgattccct	ctctttctag	tttggttagga	240
atcaccttga	agacctagtc	ctcaatttaa	ttgtgtgggt	ttttaatttt	cctagaatga	300
agggactgaa	acaatgagaa	agaatacagc	acaacccttg	gacaaaatgg	aattagaaaa	360
tatatattag	tttatagcag	aagcaagttc	aattgggttg	ttggaaag		408

<210> 1177  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 1177						
aggcccagag	tcgggggaag	ttttgtgaga	gaagccacat	tagagaccag	aggagaagta	60
ccaatttggg	atgaccttct	accaaagacc	tcaccgattt	caaggacagc	tcagctgttc	120
ctatcctctt	tccctcattg	cactgttttc	tgtttatatt	tatatataca	tttgaatta	180
cttgactaat	atctgcacac	attgcctgct	ctaagctctt	cagcatcagt	cttttttatc	240
attttgtccc	acagtgtttg	acaagcaata	gttactcaat	aaatatcatt	tgaatgaatg	300
aatgaaccag	taaacgaagt	gacatttgaa	tatgcaagaa	accctaagt	ttgagaatcc	360

tggtggcag

369

<210> 1178

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1178

gacagatagg	agaaagctat	catatattat	gttctgtaga	atgcttcttt	tggtggcatc	60
agaagaaatg	acccatgttt	gaagatctga	atttaattaa	gtctacacag	aatatagttt	120
aaaggcgtga	agactttgct	attagtataa	taaatacttt	ttcttaagac	attgtttatc	180
tacagaagga	ctaccatatt	caagatttaa	aggtagattg	tttttgttca	catcattttg	240
atcttaggtt	ttgctggaag	cattcacatt	aagggggcct	ttaatttatg	tatgctttaa	300
gaataacttaa	tagctaattc	acataattaa	aaaaaaaaata	ccggcctagg	ctcgggtggt	360
ttaa						363

<210> 1179

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1179

gaggattgta	acagggaaag	catttagggt	tttcaggcag	aggaacagtt	ggccaaggaa	60
gtcagcttct	cagagctcaa	gagtagatct	gagtttaact	cattaaagat	ggcatggaag	120
agcagtgtca	taatgcaa	gggaagattt	cttctcttag	taattttatt	tctgccacgt	180
gagatgacaa	gttctgtttt	aactgtgaat	ggtaaaactg	agaactatat	cctggatact	240
acacctggct	cccaagcatc	tctgatatgt	gctgttcaaa	accacaccag	agaggaagaa	300
ctgctctggt	accgagagga	ggggagagtg	gatttgaaat	ctggaaacaa	aatcaattcc	360
c						361

<210> 1180

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1180

cacatgcaac	agaaaggcac	agttttat	caaacaaagc	agtgttttgc	tgtaacaccg	60
ttaaaaactg	gaaaggaaaa	ctcaatcaaa	ccaaaaacta	gatgcttagg	aataaatggt	120
agaattctta	caaaaccacc	acgcttcaat	tcaatctaaa	tcaattcaac	aaatctgtgc	180
tgaaagtata	acatttaggt	ttcttagaca	ccaaatgaac	aatacaaaat	ccctcaaggg	240
acttagaaca	ttcaagtttt	ctatatctgt	ggttctaagt	ctgttaccaa	cttcaggac	300
tctgcttctt	tccctctgcc	cattaacaat	gcgggggttaa	aagtgaactc	ctaccactat	360
gtttcttac						369

<210> 1181

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 1181

ggcacgaggg	tggtctgcagc	cgctggcccc	aaaatgctgc	tggggcgagc	aggggtcagg	60
cgggaaaaga	agactccaaa	tccactctct	gctcgcccc	agggcaatgc	tgccaggaga	120



gggagtgggt	tccccgcag	gctatccac	cgatggggct	gagagcttaa	tttggggttt	180
tatttgaatt	ggagacattg	ttccctcttc	gctcctctac	cccataaaat	ttccctacaaa	240
tgcaaaaatt	cgagatagaa	gaagccgtcc	ctgaaaagtaa	gttctgaagg	attcctttca	300
tgcggtgaag	gaacaacaac	aatattcaac	ttcaccttgg	tgtgtgaggg	tcgtcgtgtt	360
ttaaaacact	atccctgtag	aaagattagt	gaaatgtatt	ggaagan		407

<210> 1182

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 1182

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aattccaatt	gtggccacca	cttcactcc	cggaatagtc	cggaacagca	agaagaggcc	120
ggccagccct	ttccacaatg	gcagcagcgg	cgggggctat	ggcgccagta	agaagaaaaa	180
agcgtccgct	tccagctttg	cgcaggggat	cagcatggaa	gccatgagtg	agaataaaat	240
ggtgccctct	gagtttagca	caggacctgt	ggaaaaagct	gccaaacctt	tgccatttaa	300
ggatcccaac	tttgtgcact	ctggccacgg	tggcgagta	gctggcaaga	agaacagaac	360
ctggaagaac	ctgaaacaaa	tcctcgcttc	tgaaagggca	ttgccgtggc	n	411

<210> 1183

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1183

ggcacgaggg	tggctgcagc	cgctggcccc	aaaatgctgc	tcgggcgagc	aggggtcagg	60
cgggaaaaga	agactccaaa	tcactctct	gctcgcccc	agggcaatgc	tgccaggaga	120
gggagtgggt	tccccgcag	gctatccac	cgatggggct	gagagcttaa	tttggggttt	180
tatttgaatt	ggagacattg	ttccctcttc	gctcctctac	cccataaaat	ttccctacaaa	240
tgcaaaaatt	cgagatagaa	gaagccgtcc	ctgaaaagtaa	gttctgaagg	attcctttca	300
tgcggtgaag	gaacaacaac	aatattcaac	ttcaccttgg	tgtgtgaggg	tcgtcgtgtt	360
ttaaaacact	atccctgtag	aaagattagt	gaaatgtatt	ggaan		404

<210> 1184

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1184

ggcacgagcc	ccagctgact	tgtgcagtgg	ttaattgaaa	ttattcaggc	aagagatgat	60
ggtgtcttgg	accaggggat	gaggaaggct	acaaaatgtg	tctacctgta	ttctgtgagg	120
agaacgtggt	ccctggtttt	agatactgtg	aagatggatc	aggagagagt	ttatctagac	180
tgttggggaa	aggtgttgcg	attccttcag	ctacacagga	ttgaaaggag	acattttctga	240
aggggaaaaa	ggaaatgaaa	gaaaagatgt	ttcagattga	ggatatgctg	tgtggtgaac	300
ttgtttcttca	ctctgtaggg	ttcacaaatg	actcttcact	gccctcttgg	atgaaataaa	360
ctggttccca	tagaaatgga	ccgtctctga	tttcacagtc	taa		403

<210> 1185  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 1185  
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 gctgggggct ctgaattcac taagccaagt ggccaaacag aaagagaacc caagcctgga 120  
 ccgagtcata accaagcagc aaatgacatt gtcaacccca gatcagagca gaaagtcac 180  
 atcttgggaag aaggttagcct tctttacaca gaaagcgatc ctttggaaac tcagaaccag 240  
 tcatccgaag actcagagac agagctgtta tcaaactctag gagagtcagc tgctctagca 300  
 gatgatcagg ccatacgaaga agactgctgg gtatgatcatc cttacttcca gtctctgaac 360  
 caacagcccc gtgaaataac aaaccagggtc gttt 394

<210> 1186  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(385)  
 <223> n = A,T,C or G

<400> 1186  
 ttcttctctt ctctctagca tcatattctc agaaattctt cctgtgttgc tccattccag 60  
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 ttattttaat acaagctgca ctggaactga cttttgaatt gaaacctctt tccatgcttg 180  
 gttcaaacca atccctatac gtaatgggtta tgagcccaga gttggagcca gggtoctgaa 240  
 ttccacacct tgacactntc tggtctctaa tctctgacta tttgcttaac atctatgtgc 300  
 ctccatttct atataacggt ttttacgggt tttatttatt aaacaaatgg ggatacccg 360  
 accccgcgtg acacctgggtc aatcg 385

<210> 1187  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 1187  
 atttcctttg tgtttttctg taatttacag attttttttc ctcagtggagc aagtattact 60  
 ttataaacc gaaaaaaccc tgtatttttc atcgagtatt taattaactt atgaagaagg 120  
 ttattcattg tggcattgtt tgagtataaa ataacgaagt ccaacaacag aagacgggtt 180  
 aaataaatca tgttatgtcc atgctgtgaa aactatgcaa ctgttttaaa aaatgagaca 240  
 catctatatg taccattatg gaagaatccc aaactataag gatccactga aaaacaaaag 300  
 gaaaaaaaag atgaacaacc actttggaaa gcagtttggc atgatttact gaagtcaaag 360  
 gtatg 365

<210> 1188  
 <211> 362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(362)  
 <223> n = A,T,C or G

<400> 1188  
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 cccagctact cgggaggctg agacaggaga atcacttgaa cccgggaggc agaggttgcg 120  
 gtgagccaag atcacgcat tgcactccag cctgggcaac aagagcaaaa ctccatctca 180  
 nattaaatgc gaggcaata aaagaggggg gcggtttttt ctggaatgcc caggttgaaa 240  
 aaaacttttt gggggcgcgc gccaccccc cttgtttgtt gaggaaaaaa aagggttttc 300  
 tttgacaatt gtgtggcccc tgagggttc tggggcccc cctataaata atagccccta 360  
 cc 362

<210> 1189  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 1189  
 cctgccctcc tccacctgac accccaacc aggcctgggg ctcggtgcct ccagctccaa 60  
 gtccctccct ctccaacagc cacttaagg cctccctctg gctcttctca gagaagaaaa 120  
 tcacaacaag gagagaggga ggaaaggcag tacttcaggg catggattca aatctgcatg 180  
 taggagatgg aaaagcaagg tacgagatgg gcagagacac aggaagagca ggagatgtag 240  
 ggtgtggcct tatcacttgc tgggaggtag ggggtgggaca actgagttag gagctggctt 300  
 atagagcaga ctgtggagtt tagtcctgat ggaggtttct gaaagagaca tgggggtggt 360  
 ggggtgc 366

<210> 1190  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<400> 1190  
 ctgcgacgt gtgaccggc gacttggggc cctgatgtct ggattctttc tccgatactg 60  
 agacacggcg cgtagggtcca caggcactat ccaactggaa gttgaattgt gaggtagagt 120  
 gaacaggaac ctcccggtt ccggagggtt gtgtggccag tgactcaaag tgagaaggcc 180  
 ctggaagtgc tcttacgtct catgcggcgc ctgcccctg gtccttcttg tctgcctcg 240  
 gtcataacta aggaggaacg agggccgagg agtgtaaggg ctactcgaa gcttgggtgc 300  
 tgtttgcggt atccgaatcc cactagcacc tggaaacccc actgaagact ctgcaactcc 360  
 cacacggaac caggagaggt acgccatgac g 391

<210> 1191  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(375)  
 <223> n = A,T,C or G

<400> 1191  
 ggaagaaaga gcttcctgca attcaaggac tgtacaaagc tgaaacgcag agattttcat 60  
 attatttggg agactcagaa atgagctttt aaggttggtc cttgacttgc gggtcataag 120  
 cgcacaatgg tgaagaaaag gctgccttct agtgacacgg tgttccggtt tgagactccg 180

ggagagcccaa	ggaaggcccaa	cgtggaggcc	tcacgcagct	ccacagacag	ccccagctcg	240
gtgttcctca	gctcagaggc	tgagaatggt	gtggaggaga	aaaagaaagc	ctgcaggctcg	300
ccaacagccc	aatccccctac	cccatctgtg	gaggcggact	cctcagacca	gaagaanatc	360
attagcctat	ggtcn					375

<210> 1192

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1192

cggtgtgtgc	ggtcaccccc	ctcaggagcc	actcccaggg	ccctgtggcc	attcccagcc	60
tcctctgcag	gcaccgagtg	agcagcgctg	ggattctg	actggagagg	gccctgggaa	120
ccctccaggc	ctgccccctg	gtgggtgagc	ctggttctgg	ggcctcccgg	agaatttttt	180
ttttcctgga	aaagagggag	ggtaggggtg	gagcgtgaca	cctgggcagg	tgtcccttgt	240
ctccatctcg	gccctgcatg	ctgttaactc	aggtggtgtg	gctgcccag	cctgggcaca	300
gccaccgctt	ccagggtgctg	agtgtggcca	ccgacgggaa	ggtgctactc	tggcagggca	360
tcggggtagg	ccagctgcag	ctcacagagg	gctg			394

<210> 1193

<211> 395

<212> DNA

<213> Homo sapiens

<400> 1193

gagcatatta	tcaaggtaaa	atgcagcg	aatagtagct	gacaattttg	aaagctgtta	60
aagtccttca	ggcaagtgtt	agaggagtaa	gagttagacg	gactcttaga	aagatgcaga	120
ctgcagcaac	actcattcag	tcaaactaca	gaagatacag	acagcaaaca	tactttaata	180
agttaaagaa	aataacaaaa	acagtacagc	aaagatactg	ggcaatgaaa	gaaagaaaca	240
tacaatttca	aaggtataac	aaactgaggc	attctgtaat	atacattcag	gctattttta	300
ggggaaaagaa	agctagaaga	catttataaaa	tgatgcatat	agccgcaact	ctcattcaga	360
ggagatttag	aactctaattg	atgagaagaa	gattg			395

<210> 1194

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1194

cgattcgatg	ggtgggtccgg	catcctcagg	gggtgtgtgt	tgtgtggggg	gtctctgagc	60
tgaacttggg	tgggggtggg	acttggtcct	cggggggccac	ctttgtgtcc	ttgtcagcgg	120
tcgtcctgct	gtggcctggg	ttgcatttcc	tcttgggggg	ggtattgagg	acccccagcc	180
tggaaatgaga	aggggtcccc	gctccatgtc	agaacccaga	aaggtggatc	ccccactgt	240
tgactgcatg	aagtttttgg	tacccccctt	ttggtccaga	acccgtctgc	ctttcccttg	300
gggacaaggg	ggccttttga	tggcactggt	tgtgacctgg	acccagcccc	gcgctggcat	360
gatccagaaa	tggggcccgg	acatccttgc	gggcaggagg	caccgtcc		408

<210> 1195

<211> 362

<212> DNA

<213> Homo sapiens

<400> 1195

agatcagaat	aagagtctct	aggttatctg	ctcaacagaa	gctaagacca	ctctgatagt	60
cattataaca	gtttttcttt	agttacttcc	ataattagat	ttgttttttt	aaaaagcttc	120
ccccgcgtga	cttttcttta	aacatgggtt	taaaggatgt	gatcaattta	gtaatgagga	180
agttgttgaa	ggatgtctgg	ggttaagaag	ctgaaagctg	acagattcag	tgtaatccct	240

ttccccacag	gggctgctgg	agtcctctgc	agagaaggcc	cctgtgtcgg	tgtcctgtgg	300
aggtgagagc	cccctggatg	gtatctgcct	caacgaatca	gaacagacag	tcgcgctttt	360
ct						362

<210> 1196

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1196

cgttgctgtc	ggaacacgcg	gctagaaatc	atctacccca	ggaatttttt	tttttttttt	60
tttgggggca	ggtgggaaaa	aaaaaatggt	taaataaaaa	agggttttgt	tgggggtgcc	120
cggaaaaacg	gttatttttc	tccctatggg	gaaactgggg	gagtacgcta	aaattttgcg	180
aaccgggggt	gggttaaacc	ccccccaccg	gcctcttttg	cgggttaaaa	ttggaagagg	240
ggggaaaagg	tttcctttta	tggggggaaa	aattggattt	atagtcaaaa	gggggcctat	300
ttttctgcct	gagaaaaaaa	cccccccgag	ggccaagggg	gtccctggat	aaccccccg	360
aaccaaaaag	gaaagggggc	gcttcctt				388

<210> 1197

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1197

cgttgctgtc	gggacatggc	acctttcttc	tgtttcctgg	aaaccattta	ccagaaagtg	60
acgggcaagg	agctgagata	cgagggcctg	atgggcaaac	ccagcatcct	cacttaccag	120
tatgccgagg	acctgatcag	gcgacaggcg	gagaggcggg	gctgggcccgc	ccccatccgg	180
aagctctatg	ctgtgggtga	taaccctatg	tctgacgtat	acggcgccaa	cctgttccac	240
cagtacctgc	agaaggcaac	gcatgatggg	gcgccagaac	taggggcccgg	gggcacacgg	300
gagcaacagc	ccttagcaag	ccagagctgc	atcttcattc	tggtgtgtac	aggcgtctaa	360
ccatcccagg	aacccaaca	gtccacggag	cctggtcctt	ggaagagg		408

<210> 1198

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1198

ggcacgagg	aacatgggct	ttgcagcaaa	agcgatgaaa	tctgttcatg	aaaacatgga	60
tctgaacaaa	atagatgatt	tgatgcaaga	gatcacagag	caacaggata	tcgccaaga	120
aatctcagaa	gcattttctc	aacgggttgg	ctttggtgat	gactttgatg	aggatgagtt	180
gatggcagaa	cttgaagaat	tggaaacaaga	ggaattaaat	aagaagatga	caaatatccg	240
ccttccaaat	gtgccttcct	cttctctccc	agcacagcca	aatagaaaac	caggcatgtc	300
gtccactgca	cgtcgatccc	gagcagcatc	ttcccagagg	gcagaagaag	aggatgatga	360
tatcaaacaa	ttggcagctt	gggctacctt	aac			393

<210> 1199

<211> 400

<212> DNA

<213> Homo sapiens

<400> 1199

ggcacgagg	caaggttcac	gtacggccac	gcggggcacca	tctacaaaga	cttcgtgtac	60
atctcggggg	gccacgacta	ccaaattggc	ccctaccgca	agaacctgct	atgctacgac	120
caccggacag	acgtgtggga	ggagcggcgg	cccatgacca	cggcgcgcg	ctggcacagc	180
atgtgcagcc	tgggtgacag	catctactcc	atcgggggca	gcgatgacaa	catcgagtc	240
atggagcgct	tcgacgtgct	gggcgtggag	gcctacagcc	cgcagtgcaa	ccagtggacc	300

cgcggtggcgc	cgctgctgca	cgccaacagc	gagtcgggcg	tggcagtgtg	ggagggccgc	360
atctacatcc	tgggcggcta	cagctgggag	aacactgccg			400

<210> 1200  
<211> 408  
<212> DNA  
<213> Homo sapiens

<400> 1200						
ggcacgaggc	ctctcggcgc	ttggatatta	atacggtcac	cgtggagttt	ttcctggtgg	60
gacaagacaa	cgggccggtg	gaggtgtcca	cattgcagtg	cttagcgaat	gccacagacg	120
gcgtgcggct	agcaaccgcg	atcgtggaca	caccctgcaa	tgagatgaac	accgacacct	180
ttctcgagga	gattaacaaa	gttggaagg	agctggggat	catcccaacc	atcatccggg	240
atgaggaact	gaagacgaga	ggatttggag	gaatctatgg	ggttggcaaa	gccgccctgc	300
atcccccagt	cctggccgtc	ctcagccaca	ccccagatgg	agccacgcag	accatcgcct	360
gggggggcaa	aggcacgctc	tatgaacctg	gaggcctcaa	catcaaag		408

<210> 1201  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 1201						
ggagcggagc	cgggagcgtc	gtggaaagca	ttggacacat	ttccaccatg	ctaattggcat	60
tttaaatata	tttggcaatt	ttcccaattt	tttactgaag	aaaactgtaa	gtttatactt	120
gaggactgaa	gtgtgactct	gccgattatc	acgctttcaa	gatgaatctg	gaaaaactca	180
gcaagcctga	actcctgaca	ctatttagta	ttcttgaagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaag	gcccacacac	gagatacttt	cattgaagaa	cgctatggaa	300
aatataacat	cagtgatect	ttaatggctt	tacagagaga	ttttgaaaca	ctgaaagaga	360
ttaatgatgg	cgaaaaggcg	g				381

<210> 1202  
<211> 402  
<212> DNA  
<213> Homo sapiens

<400> 1202						
ggcacgaggg	gatgtctctg	gcgtggtgat	ggaatgtggg	cttgatgtga	aatacttcaa	60
gcctggagat	gaggtctggg	ctgcagttcc	tccttggaaa	caaggcactc	tttcagagtt	120
tgttgtagtc	agtgggaatg	agggctctca	caaaccctaa	tcactcactc	atactcaagc	180
tgctcttttg	ccatatgtgg	ctctcacagc	ctggctctgt	ataaacaag	ttggtggcct	240
gaatgacaag	aattgcacag	gaaaacgtgt	tctaacttta	agcgcttcag	gcggagttgg	300
tacttttgct	atacaggtaa	tgaaagcatg	ggatgctcat	gtgacagcag	tttgctccca	360
agatgccagt	gaacttgtaa	ggaagcttgg	tgacagacat	gt		402

<210> 1203  
<211> 396  
<212> DNA  
<213> Homo sapiens

<400> 1203						
atcccatcga	ttcgaattcc	gttgctgtcg	gcccgggtgg	gctgaagtgg	aagcactgtc	60
cccgatgggg	ctgcctgggg	aggaggattc	aggtcctgat	gagccgcctc	cacccccgtc	120
aggcctcctc	ccagccacgg	tgacgccatt	ccatctgaga	ggcatgagct	ccaccttctc	180
ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	gccagacggg	ctccatcctc	240
tgtggcccac	accagcatga	gtgacaacgg	aggttccaag	cggcccttag	cgccctcagg	300
ccggtctcca	gtggaaggcc	tgggcagggc	ccatcggagc	cctgcctcac	caagggtgcc	360

tccgggtcccc gactacgtgg cacaccccga gcgctg 396

<210> 1204

<211> 409

<212> DNA

<213> Homo sapiens

<400> 1204

cgttgctgtc	gagcaaagca	gattatgagc	tatacaacaa	agcctcta	actgataagg	60
ttgctagtag	agcggtttgct	gaaaatagaa	attctgagac	tagtgatact	actgggaccc	120
atgaatctga	tagaaacaag	gaatccagtg	accaaacagg	cattaatatt	agtggatttg	180
agaacaaaat	ttcatatcgta	gtgcaaagct	taaaggagta	tgaggggaag	tggttgcttt	240
ttgatgattc	tgaagtcaaa	gttactgaag	agaaggactt	tctgaattct	ctttcccttt	300
ctacatctcc	tacttctact	ccttacttgc	tattttataa	gaaattatag	agtgagtgtg	360
ttttccttgt	gtatatatta	aacacaccca	tacaaacatt	ggtaaagtc		409

<210> 1205

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1205

ggcacgaggg	atgtaatgcc	tggaaagtat	acaatgaaaa	tctagttcat	atgattgaac	60
acgcacagaa	ggaacttcag	aagttaagaa	aacatattca	agatttaaac	tggcagagaa	120
agaacatgca	actcacagct	ggatctaaat	tgagagaaat	ggagtcaa	tggttatccc	180
tggtcagtaa	gaattatgag	attgaacgga	ctattgttca	gctagaaaat	gaaatctatc	240
aaattaagca	gcaacatgga	gaggcaacaa	aagaaaacat	ccggcaagac	ttctgaaaag	300
acaatttagc	aggtagaaga	aaagtgggc	tttcacaaaa	ggcatctgaa	cttttaataga	360
actttgaagg	acaacagcat	cttcccaaaa	ccattgggtg			399

<210> 1206

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1206

tcgaattccg	ttgctgtcgg	cctgggaaac	taaaattatt	tccagagaga	aacgcagagct	60
gcgtaaacgt	gataaggtgc	tgactgattc	tggttcattg	gattcaacta	tccttgggat	120
agaaaatacc	atcacagtta	ccaccgagca	acttacaacc	gcattcattc	ctgttggttc	180
caagaagaat	aaaggtgatt	ctcatctaaa	tggtcaagtt	agcaacttta	aatctggaaa	240
aggagattct	acacttcagg	tttcttcagg	attgaatgaa	aacctcactg	tcaatggagg	300
aggctggaat	gaaaagtctg	taaaactctc	ctcacagatc	agtgcagggtg	aggagaagtg	360
gaactccgtt	tcacctgctt	ctgcaggaaa	gaggaaaact	gag		403

<210> 1207

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1207

ggcacgaggg	ggggagacct	gggatagcaa	gttcagcacc	atcgctcca	gctacgaaga	60
gtgccgggct	gagagcgtgg	gtctctacct	ctgtctccac	ccgcaagtgc	tggagatctt	120
tggtcttgag	ggggctgatg	cggaggacgt	gatctacgtg	aactggctca	acatgggttcg	180
ggccgggctg	ctcgctctgg	agttctacac	acctgaggcc	ttcaactggc	gacaggccca	240
tatgcaggcc	cgggtttgtga	tcctgagagt	cttgctggag	gctggcgagg	gactcgttac	300
catcactccc	accacaggct	ccgatgggcg	cccagatgcc	cgggtccgcc	tcgaccgcag	360
caagatccgg	tctgtgggca	agcctgctct	agagcgctt			399

<210> 1208  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 1208  
 tataaatatt attgtatctg ctttcatttt attaaaatta tcattttattt tgttttataat 60  
 cagcaatgca ttatatTTTT gaactatgca atatttactt ttttttttta gcaactcctt 120  
 ttcaagaaac tttttttaac aatcaaaata cacaatattt taaatagcaa ctgttattcc 180  
 aatattctat ataaaatatg tcacgtacac aaaaagtcag gtttgtcaga tattatgaaa 240  
 tctgtatata aaatatacac atatacatat atgtatacat atacaagcat aagtacttat 300  
 ttattatagc aatctatgct ttttgaaaga cagtatggaa acaagtgaa 349

<210> 1209  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (350)  
 <223> n = A,T,C or G

<400> 1209  
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 gaaaaatgca tggataatat gggctacctt ggttgaagct gaggctcagc tatacctaca 180  
 tgtgaatttt gtcactatgt acattgggtt tgagcagtg gactttttca ctcagacaaa 240  
 tgtcttagag ctctatgtat gttagaacaa agagagtggc ctctgcctt ttanagagcc 300  
 ttacaatatt tcatagtagg tattatgcaa acagaataca aaaaagagct 350

<210> 1210  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1210  
 tcaagagctc gaaaacaatc tcaatcattt acagggttgt gatcatttca cttgcattaa 60  
 gccaaactaaa gttgtatttg taaaagtaat gctatgaata ttactatttg acctagacac 120  
 atagggttaga attggaaaca caggctataa agtatagtaa ttgtgtaatt gtgaaaatat 180  
 taaggcttca actcaaaact gaaacacagt agggcttaga aatctttgaa ttatttatac 240  
 ccctcagttt aaaaacttcc agtccaggcg cagtggctca tgctgtaat ccagaactt 300  
 tgggaggcca aggcaggcgg atcacctgag gtcagg 336

<210> 1211  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 1211  
 ccaaggtacg gctgctagaa cacgaccgaa gggccatagc taaattatct aactatgtta 60  
 taaacattgg gaataactat gttataaaca ctgggaatta cagagaacta gtctggaatg 120  
 gggctgactc taaaaatgct tataatcgct tggagaaact tggtcgtgaa taccaagaca 180  
 ataaaagtca aacaaaatcc ttaatttagt ttactgcagt tgttcatgtg gactgggcc 240  
 ctatggaagc ccaaaaaaag tattcgtatt ataagtaaag ctgtgccaaa acatgttaaa 300  
 gacttatatt tctttatact tatagaaata tttagagag 339



<210> 1212  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 1212						
cgggtgataa	cttttttggtt	acctgaagca	tttatgaata	caggtaagtc	tgtggctatg	60
ttatagaata	ttgaggtctc	cattgggtttg	acttccaaat	tagcgcttta	ttaaactcgg	120
tgtcagtgtt	tgtacaccta	cttgggctgt	atctttttcta	ctgtgaaaca	tatttttaact	180
gtgaaatgaa	tatttttaaag	aatcaccttg	gggccaggca	tggtgggtca	tgctgtatc	240
tccaggactt	tgagaggcca	aggtgggtgg	atcacttgag	gtcaggagtt	cgacacagcc	300
tggccaacat						310

<210> 1213  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1213						
aggtgggttt	gtctagtttt	atctgttttt	gggggaagag	ttatttttaat	acaagctaca	60
ctggaactga	cttttgaatt	gaaacctctt	tccatgcttg	gttcaaacca	atccctatac	120
gtaatggtta	tgagcccaga	gatggagcca	gggtcctgaa	ttcccacctc	tgacacttct	180
ggctcttaat	ctctgactat	ttgcttaaca	tctctgtgcc	tccatttcta	tataagtgtt	240
tttaccggta	ttattttattt	aataaatgga	gaaacaaaga	cccaacatga	cacctggcaa	300
tttggtggca	gaacctaaat	ctcaggtgtc	ctaacttcca	gtccaaagca	tagagaaaa	359

<210> 1214  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1214						
ctttactttg	cagtagttgc	tcaaaattac	gagtaaaaga	aaggaaaata	gatagcttca	60
ggaatgatgg	aggggagagg	aatggcctaa	aagcaggatg	catagtgggtg	aaaagtaaac	120
tattttacag	cttcactctg	agttggacca	atatagcata	aaacatttga	agttagtatg	180
attgtctgta	gccatgtggc	tggatgaatc	cacaatgatc	gttaaagggg	ccactgacaa	240
ataccataca	aaaaactgtg	acttatctac	ctagtcattt	acatcattat	acttctcaca	300
gtgaagaatg	agaaagtatt	ttaaaagtag	acatagcttt	aaaagatgtg	ctctg	355

<210> 1215  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 1215						
tacattgttc	aggtcttctg	tgttcttacc	caggcccccac	tcaacctttg	agctattcca	60
gtatgagagt	gaattagacc	tcccactatc	acggtcttac	tgtcatttct	catggcatta	120
gtcttaatat	tttttatatg	gtaattctat	gttcaagact	gtgaacatat	tcaggttcca	180
agttattttg	tgttcattaa	aaattttact	ttgaatcatt	atgaatagtt	cctaggttga	240
gcttcgggct	ccctgacccc	agagcagttt	ccatttgcac	gtgttgacca	tattctctaa	300
cccgtcccat	aaaattgatt	ctactatttc	ctgcttttgg			340

<210> 1216  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 1216  
 agaaattgaa ctgaaccgta aaggatagct gagaacagaa aatgcttgag aagaatatc 60  
 ccataaagaa gtgataggaa ttaaaacagc aaatacagtt tgataccagg taatagagtg 120  
 gcttgaatcc agtttaggga atttgggttg ggtgtgtata tgtgtgtgtg tgtgtgtatg 180  
 tgtgagagtg tgcgtgtgcg tgagagagag agattgcaca tatatattga cgtgtgacta 240  
 aatagcggct gcaacctgaa cagtctatac tcttggaac ccacggggtg acattgtctt 300  
 gtgcctggta ttggaagcac ttattggcag gcagatgatg gagacttagt atcgaggg 358

<210> 1217  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 1217  
 tatctacggg atcataagtc taggtgtcta taattcagaa aactaccttt catttgtgtat 60  
 ttgatgtttt tgtatatcca gagcgtatta ataaattgaa ttttaaaagt ctcttaaatt 120  
 aaaggagcta gggtgggccc agtggctcac ccttgcaatt ctagcactta tggaggccga 180  
 ggctgggtgga atcttcagag gtcaggagtt caagaccagc ctgaccaaca tggtgaaacc 240  
 ccgtctctac tataaatata aaatttagcag ggcattgggtg catatgcctt gaatcccagc 300  
 tactcgggag ggtgaagcag gagaatcacc ttgaaccctt 340

<210> 1218  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 1218  
 aggcagaaat ttcccataat gggtttacaag cttgggtggaa tatcaaacc ccatcagctct 60  
 tggaatggaa aagaagttct cacacaaatc taagacctac caataataaa gataaaaaaca 120  
 aacaaccaac aaaaaaaatt ttcaaacaaa aagaaaaaaa gggaccccc cccttttttt 180  
 tggaaaaaac ctgggttttta aggcccccac tttttctcc taccaaaaaa aaaatttggt 240  
 acaatttttt caaaaaaaa aaaaaaatgtt gggaaatttt ttaaaccggc ccaatttag 300  
 gcgccaataa atggggcgaaa aaaaaaaaaa attttccctg gttttaaaaa ccn 353

<210> 1219  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 1219  
 cgttgctgtc gataaagtat tgtaaataga atagtgttga agatatgaaa tatggctatt 60  
 tttaatggtg acaattatga ctttttagtca ctattaaatt ggggttacct atatcagtac 120  
 aattttagt tgtttccagg tttggctaata atcattcct taacctagaa ttcagatgat 180  
 cctggaatta aggcaggta gaggactgta atgatagaat taaattagtg tcaactaaaa 240  
 ctgtcccaa gtgctgcttc ctaataggaa ttcattaacc taaaacaaga tggtactatt 300  
 atatcaatag actatgaat ctatttctag aaaaagtcta gtgccaaatt tgtcttatta 360  
 aataaaaaa atgtaggagc agctt 385

<210> 1220  
 <211> 351  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 1220

gaactgtgat	ggcctagggg	atgagataat	gcagcaaaat	aaaactgttc	ttcctaccat	60
ttttgtgcag	ttatTTTTTg	atttttttgc	tccattgtgt	tgtgacagta	tcttacctac	120
acttctgagc	tctcctagag	ctatTTTTt	tcttggaatg	ctaattgtgt	gtgtgtgtgt	180
gtgtgtgagt	gnntnnnnnn	nntnnnttc	nnntttntnn	ntttttntt	ccctntntct	240
tnTTTTTTTT	gggggttttg	ttttttttgt	gctggncctt	ttgttctatt	gggggtgggtg	300
gggtgtttcc	ttgctgcctc	tgttgggggc	ccctcatttg	ttttttttta	c	351

<210> 1221

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1221

caaattattg	atgccaggct	gaaacttctc	tttcttttaa	taaagcactc	ttgaatgtct	60
cctttatggt	ttgctttgtg	atcatacttc	agttaatttt	tcaagaagaa	aaaaaagaag	120
atgaagataa	ggatgatact	gaacattact	aaatgattat	aatctccccg	ccattatgct	180
aatcactttg	agctataatc	tgtaatatc	agggaaatatt	ttatTTTTt	gagaatcagt	240
attttctcag	tttcatagag	atgcatatga	attgagtgtg	tcactaggga	agcggaacca	300
ctgagcaata	caaagtagga	atttatTTTt	ggccggggcg	g		341

<210> 1222

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 1222

accacatggc	tgcctatgat	acagagcctg	cttttgataa	tactactgta	ctaatcatac	60
cacttttagac	ttcagaatga	cacatgtgtc	catagataat	agctagggtg	ggctgagggtg	120
ggattatcaa	aggtccaatg	tgaaacagca	cggcacatag	tattgcccgt	tttaaacaaa	180
acaaaggctg	agtgtatgag	caatatatca	tttaagacac	ttctcaagct	gcagtgttat	240
ggaaaatggc	agagtgaac	cagcaatcca	aagtaaaata	taaacaacaa	ataccttcca	300
aagactcttt	aatatacaca	taaaatttag	acctactttg	agccn		345

<210> 1223

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1223

atgctattca	ggagaatcaa	agtaaaccgg	tgcaagaag	cgtttgacaa	ttatgagcac	60
actttgttcc	ttgggaaaac	atacttggtt	agttagaaaa	aacaaattaa	aagaagaatg	120
agctacatgt	tgtactaata	catttcattc	ttcttaacac	taatgcatac	cttgagggtcc	180
ttagctgtag	cccctacctt	ccagggtttt	atagagtggg	gttgaatatc	aacaaaatta	240
aataccaaca	tttacataat	acaagctatt	taaacaatat	cattgcattt	atttgggggt	300

tcaggtgaaga ttaaattaat tgtttaaacc atgcactttt tgaaaaataa ttact 355

<210> 1224  
<211> 383  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (383)  
<223> n = A,T,C or G

<400> 1224  
cggtgctgtc ggtcaggatg gtggattaac ctgtaccag aatacttatt gttcattttg 60  
aaaagacttt gttcttttca tttttatttg ggagtccttg tgaccagaga agttagggag 120  
gaggttattt ttgtgttttg gggttggctg gtgggttggc tttgmnncg gccctacatg 180  
accgatgaac aaatggttcc agatggctct gtgtccatag gcagccttga atagggcttt 240  
acacactctg agacaatgac agcctgtgtt gactgaaccc tgacttgtgt tcaaccctgc 300  
catagtcca gtgcctttgc atgaattcga taatttgagc ctagcactcg ccttaagagg 360  
gtggctctgg tacctccccg ttg 383

<210> 1225  
<211> 360  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (360)  
<223> n = A,T,C or G

<400> 1225  
aactaatttg tacagattta aactacaaac tcccttccac cgcttgtaga gtagctggta 60  
tctttactca agtctcacag tttcagctgc tgatttattt tattttattt agcctgggtc 120  
cttggcattt gccataggct tgcataaaat agggtcggcc aaggatttga agagagtata 180  
tacaatgac cctcaatatc catgtgggtt gattccagga cccctgagga tataaaaatc 240  
cacatacggg cagtgtgtga tggctcacac ctgtaatccc agcactttgg gaggtcgagg 300  
tgggtggatc acctgaggtc gggagttcgg ngccagcctg agcaacatgg agaaaccccc 360

<210> 1226  
<211> 353  
<212> DNA  
<213> Homo sapiens

<400> 1226  
atatgttcat tgcaacacta ttcacaatag caaagccatg gaatcaaccc aaatgcccat 60  
cagtgcacaga ctggataaag aaaatgtggg acatatacac catggaatac tataaagtcc 120  
attttaacta gacatccctg ctgaaatccg ttcctcctgc cactgtctac ctattgcaga 180  
tctgcaaate tccaggtcta tgaaactcaa tctttcaaac agtaacctgg tctaagcttt 240  
attctcctat tacataaagc cacaaagggt atgtccattt tgcataagaa gaagctgagg 300  
cctgaaaggc tgacttgctt atagtgtgtc ccaagttagc ggtggaagct cgg 353

<210> 1227  
<211> 309  
<212> DNA  
<213> Homo sapiens

<400> 1227  
ctaccattttt aaattaattt agcattgggtc tgttacaaag tgcataataat ttagattcag 60  
aagaattggg cttcagttat acttttgtca ctttctcaat atgtaaccta ggataaatcg 120  
ctccctcttt ttcaaatttg atgtgtacaa atgtaatatg aagtacttgg caacgtcagg 180  
aacatttgat aaggcaaggt atataaagat atgtgtgtag ccaggcacgg tggctcatgt 240  
ctgcaatccc agcccttggg gaggccgagg cgggtggatc acctgaggtc aggagttcaa 300  
gacctggcg 309

<210> 1228  
<211> 344  
<212> DNA  
<213> Homo sapiens

<400> 1228  
aaacaagaag aaataactgt tatcagaatc tggagagaaa gttgtatggg gagggctacc 60  
tgacaggagc tgtgactttt agtagagggg atgcagttag ccatggatta ccctgaggtg 120  
aatgaaccag gctaataaat ataccagcaa cctccctcca ccatcaacta ggggtgattct 180  
ataattttatt gtccaaagtg ggacaaccac tatgggcaat ttagtcatat ctattaaagt 240  
tgaaattgtg catacataga attacactta cttattctgg agacactctc tcatacaggt 300  
tgcaaggaga catgcaaaaag aatgttcaac agctacaaga actg 344

<210> 1229  
<211> 339  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (339)  
<223> n = A,T,C or G

<400> 1229  
cttcctcttt catatgcaac caattccaga ataaagagaa ttctgaggtc ttagagaata 60  
gaagagccac ctaaatgcct gcaccgatat gcatcagact gttaggtaag cgcacacaca 120  
cacacacaca cacacactca cacacacaca aagacgaaga agattatgtt aaacttctaa 180  
aactctgcag ttttatttta ctaagtaacc attaaactaa ttaaccagct gcctaataca 240  
gacattggaa tatggagtga gaggtgctt gaatataact aaaatatgtg ggtgcttagc 300  
gattatcanc acgctagaat tctagggatt catattatg 339

<210> 1230  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 1230  
catttccact ctttttggcc tttaatcact catgatagcc ctttaaatgtg tcccttagac 60  
tctatgatat ttgatagtaa aagaggtatt gaaagcatat tttctggtcc tctgctttc 120  
agattcttcc ttctgtccct acttctgaga tggagactga gtaggaggat accaaactga 180  
tctggagaag atgaactaga tatgtcaga ttatggaccc tggcctcagt ggggagaaac 240  
tggaattcta acccaccagt ccaactgtca tatccaattt taaactctgg ctgcgaacca 300  
tggtcacac ctgtaatccc agcatttttg aaggccaggg 340

<210> 1231  
<211> 340  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 1231  
 agggagaagt ctagctcctg accaggtctt gatttccccg gccctgccct attcaagttc 60  
 ctcaaattcc ttgaccccaa cccttgcccc ataagaaacc tcccatgac cctgaccctg 120  
 acagagaact ggctgtgaaa atttttgcat tgacaacaga tattggaatg cagggattcc 180  
 ctatctactt caggcacctt caagaatcag aggaggccaa gcatgatggc tcatgcctgt 240  
 agtcccagca ctttgggagg ccagggtggg gagatcactt gaggccagga tttgagacca 300  
 gcctggccaa tatggcaaaa ccccgctctt actaaaaatn 340

<210> 1232  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1232  
 aactagatgg agtcctggcg ctactgtga ttgagaacac atgacaaact aatagggttta 60  
 ctgggagggc ggctaagctg atctacttgc tgggttcaatt agctccactt tccggaggct 120  
 agcattttcc caaccttgcc ccatgctctt gtgggtacat ttaccctatt tggggcctta 180  
 gcgctttaca aatgaacgtt tcagtttaag agacattgcc acataactta tattaagtgg 240  
 tatgaattca aaagcaagct ctgccactac acatcagaat ccagcactga aggaagtgtg 300  
 gaagtcagaa agatggacag gaagatccct tcaagg 336

<210> 1233  
 <211> 383  
 <212> DNA  
 <213> Homo sapiens

<400> 1233  
 cttagtggct tttatccctt cggcatgcta ttttgctgat gtttctataa ttgcctcaga 60  
 ctttcacatt tactagtagg gctgagagag gcttttagtga ggaaagaata ttcagaataa 120  
 aacggttgag aaagctgaga agaccattga gttttgatca gttgtgaata gagtgc aaag 180  
 ccatggccaa gctgtttttg gaaacgctgg ccggcgtgtc ttcagtggaa aaagcaaatc 240  
 aaaatggagc gagagcaaag gggcgctctc agtcctcaac ctacaatcac tgtatggaat 300  
 cggtcctggc agctgaacat aggaggtcac tggaacaagt gatagtgcag attggctttc 360  
 aaacatcctc ctggcttgag ttt 383

<210> 1234  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1234  
 gtattgactg aactaccaga tattgaggct tctttgctta ttagctgcat gactttgggc 60  
 aagtcaagtt ccacctgagc cttgcaagtc aggcctgggg agtccaacca cccagaacct 120  
 ttgagtctct gttagagagc aagacctctt cttaagaaac aaaaaataaaa caaaaaaaga 180  
 gtattgggat atggggagtt tggctcctgt agaaagggtg gtctgggagg cctgttacag 240  
 gagttaacat tggacctgag acctgaggat gaacagaagc catcctgaaa gaactgggaa 300  
 aataaagagg tggccaggcg tgggtggcgca cgctgtaat cccatcactt tgg 353

<210> 1235  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(243)  
 <223> n = A,T,C or G

<400> 1235  
 catagtcaag ataggctaaa ttatgctgag ataacaaaca aataaaaact ccaaaatctt 60  
 aatgccttta ataacaaaga tgtatttcct aatagtgcta catgtccctc tcagatcagc 120  
 aaagagatct ctgctcattg tatttaataa gaggcccagg ctgacaaagc tgctgccatc 180  
 ttgaatatag ctctttgatg tgccagacag aataaagaac tctgcaggat caccattag 240  
 can 243

<210> 1236  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 1236  
 atgctaactg agttaattag atgagattct gtagagaaaa tggacactat aagaaataat 60  
 agtgtccaga actgagttat aatgacctct aatatttaat gataaatgaa agaagaggaa 120  
 ctgatgactg aatctgagaa gaaaccaata aacttgtaat aacagaagaa caaaccagg 180  
 tgggtgctaaa gaaatcacag ttcattcaaaa aggagggaca agtggacttg ccttggttaa 240  
 gatggactgc cttaccaaat atgacaaata ttaaaatatg tttagatttc aatgatgacc 300  
 aaatatgtaa ataagacact ggaattttatt cgtcaaattc ct 342

<210> 1237  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1237  
 tttcaatctt tcgtcccaaa tgccatattc actacaagga acaggggttc cttggagaaa 60  
 tggctgaata taagtgtggg taaggaaata taaaaatgaa cctggaatat cttattatat 120  
 atatattaaa aaaaatctac tagattcacg tcaaaagtag ccagagacca acttgaagtt 180  
 tgttatttga gcaccaatgg ggatatgaac tggaaaccac aggttcatat tgacaggagt 240  
 taaaaaaaaa actttgggtca gctttgaatg atgttcatt agcaagatta accaagaaaa 300  
 gggagaaaaa atctaaataa cctcactaag aaatgaaatg agagctatta caact 355

<210> 1238  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1238  
 cagggaaatt tgataagtta atcattatatt cagccaacaa atctgaggcg gttaaaatac 60  
 ttttccttcc atatttgatt tataagcatc ttccccttga tgtgatttat cttttctaaa 120  
 gggactagat cattctaagc agaggaacaa tcatagcgaa ctgtgcctca ggctatttgc 180  
 agacgatgtc acttgagttt aaaccacaaa gacatttcag aaagaaaaca tttctatctc 240  
 ttaatatgta agccaagaga tatgaaatca tggcatcccc agagaaacac ctttccctga 300  
 tgtcaacttg gcgacttgca tctgcttttc tgatgaacaa agaaaagtat ttggctatgg 360

<210> 1239  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 1239							
cggttgctgtc	gattaatttta	acaaatthtat	ttagtggtgt	ctcagacact	tgagacactg		60
gagagttgga	ggtggatgaa	aggagaacct	tattcttttag	ttgttttacac	agcagagtaa		120
atatcacaaa	ggcaggtacc	ttgtcccttt	tgtcaactac	tgtgtctgca	gcatctagca		180
ccatgtctgc	catacagtag	gtgtttgttt	aatttttttaa	atgaatgtaa	agtacaggta		240
agtatagttt	tacatatatt	atcttccaat	tatttggtt	cctcatttca	tttctctcct		300
catagtgtgg	gaagaggaaa	gatttgagat	gaaatggaga	aacatcaaga	tgaaatgcag		360
agtatttaga	caagattatc						380

<210> 1240  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 1240							
ggtttcacca	tggtgaccag	gctgggtctca	aactcctgac	cttaagtgat	ccacccgcct		60
cggcctccca	aagtgccggg	attacagacg	tgagccaccg	tgccctggcca	acattttattt		120
agttgaattc	ttaaaattta	tttttctaata	agaataaggg	agagcattag	aagtagtttt		180
cataagacac	aataaatata	aacctgtcat	ttacctgtct	agccctgata	ttctgaaatc		240
tggaacttgg	gtttagaaca	aaatggattc	agttaatcct	tttttttttt	taaagagaga		300
gatttgatg	aggctggctg	ggttattcat	tcattcn				337

<210> 1241  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(367)  
 <223> n = A,T,C or G

<400> 1241							
tctacggctg	ctataatacg	acagaaggga	attcaaggag	ccggtcacca	caagctgcat		60
aaacaaatcg	ttaccagcat	aaacagaata	tatagcagaa	tttattcttc	gaaaaaaata		120
cttactgata	ttcaggccag	gcacagtggc	tcttgactgt	aatcccagca	atttgggagg		180
ccgaggcggg	tgatcacct	gaggtcagga	gttcaagacc	agcctggcta	acatggcaaa		240
atcctgtctc	tactaaaaat	acaaaaatta	accgagtgtg	gtggtgggtg	cctgtaatcc		300
cagctacttg	ggaggctgag	gcaggagaat	cgcttgaact	cggggggcgg	cggttgcagt		360
gagccan							367

<210> 1242  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1242							
tgggtttgtc	agttttcaata	ggagattcta	tgtatttagt	ctccaaagaa	cccagaatta		60
tctgtgggga	gttttgaaag	agtgaagcat	ttgtaaaaaa	cataatatgt	agggcatggc		120
aaacaggaag	aaaaagcaaa	aaggagcatt	agagtgacaa	aaggacaaac	ccaaaacagg		180
atttacatgg	aaacccatgc	cagcaacctg	catcagagaa	atgtatctgc	agccagcagt		240
atctctgctg	ccatacagag	gtctagaaat	tttgaaagtt	tataaggcaa	aaagagaaaa		300



gacaaatacc aagcaaggaa tcacagatgg aacaatcaga aggattacta aaacaagaa 359

<210> 1243  
<211> 287  
<212> DNA  
<213> Homo sapiens

<400> 1243  
ggaccctgcc cctcacccta cacaggctat aggatctgga agggaaggga cggttcctgt 60  
taatattctt gcattcttaag gacacagccc acaggggtctg ttgggtgact gactgattga 120  
atgagcaaga cttctagtta tacatagact gaaaacttcc acttatctct gcttcttttc 180  
aaaatccac taaaatatga ataaatgcat gttttaaaaga caaaaggagg ccgggcgcag 240  
tggctaacac ctgtaatccc agcgctttgt gaggccgagg cgggcgg 287

<210> 1244  
<211> 245  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (245)  
<223> n = A,T,C or G

<400> 1244  
ggcagccttt tcatagatat actttaata ccctttgaat aaattcattc agcaatagag 60  
ttattgagta ttgtgcagag gtataggggtg atataattgt gactaggtga ctactttaca 120  
ttagatagtc ttctctgatg ttaacattta aatttaggac ctcggtggg tgcggtggct 180  
cacgcctgta atctcagcac tttgggaggg cgaggagggg ggatcacctg aggtcgagag 240  
ttcan 245

<210> 1245  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 1245  
cgttgctgtc ggccaaatac tgtgcttagg gctctgtcca gatcattcca gttaatccgc 60  
ccaagacccc aacagcacag gtgttgctat atttttgtgg tgaggaaactg agaccaggg 120  
aagtcacggg actttgccc aagtcacccc gatgtcaagc gttagagcaa gaatttgaac 180  
cccagagctt aactcttaac cattttgcta actggctgtc tctccaggcc cccatcaccc 240  
ttcccatcac cctcccctgc cccaggggca ttctatcaga tggcagggtc cccctcgctt 300  
ggctcagcat ctccaattta aagcttcatg gatctccctc ctggtgaagg catgggaagg 360  
atttcccatc tcagaaactg gacaag 386

<210> 1246  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 1246  
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tacatatata agaaaaattt gaaagtcatt gtgcatgccc agggaaaggc acaggctcag 120  
aaaagacctg agaagacctt aagtttacag ttcagcctaa tcttcagaaa agaggcagcc 180  
tacaacaact acaaacaaat aaacaacagc aacaacaaca aagcaaacag caagcactga 240  
ggaatgggag gaaatctgat ttccagagat acaacactat taggttcaga agctcaattt 300  
aaaaccaaatt atcacaagga gcacaaagga acagaaaa 338

<210> 1247  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 1247  
 cgttgctgtc gggaaaaatg tggggtgtac caggggaaga ctcgagtgat gatggcggcg 60  
 caaattccaa ttgtggccac cacttccact cccggaatag tccggaacag caagaagagg 120  
 ccggccagcc cttccacaa tggcagcagc ggccggggct atggcgccag taagaagaaa 180  
 aaagcgccg cttccagctt tgcgcagggt atcagcatgg aagccatgag tgagaataaa 240  
 atgggtgccct ctgagtttag cacaggacct gtggaaaaag ctgccaaacc tttgccattt 300  
 aaggatccca actttgtgca ctctggccac ggtggcgag tagctggcaa gaagaacaga 360  
 acctggaaga acctgg 376

<210> 1248  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 1248  
 caaatactta ctgaccactg catggcaggc tctatgctga gcactgtgaa tacagaagtg 60  
 catcttgata tggggattcg aactgcatgg agctcacacc gtccaacca gattgacgta 120  
 cataataggt ccttgactaa aaaaatctca gaggtgccca ggccatagtg ctcacaccta 180  
 taatcccagc actttgggag gccgaggcag gcagatcacc tgaggtcggg agttctagac 240  
 cagtctgacc accatggaga aacctcatct ctactagaaa tacaaaatta actgcgtgtg 300  
 gtggcgcatg cctgtagccc agctactcgg gaggtctgtg 339

<210> 1249  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1249  
 cccgcagggtg gaggagacaa ggtctttact gttcaccag gggctaggcc tcttccactg 60  
 gctccctgaa tccccatgtt ggccaccaag ggaaggagct atttctgcag ctggacaaat 120  
 gaggaacacag aggcacaaag cattctagca tttgctcaag tggcacagca gtaggaactc 180  
 tttccctggg ggccggccca ggagtatttt gtcccatgga gaactggaac agcatcagga 240  
 cagtgaacca gcaggcagca ctggcagggtg tacatttaga agactgactg ttgcccggcg 300  
 tgggtgtctca cgctgtaat cccagcactt tgggagg 337

<210> 1250  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1250  
 atcagatagg gtcgagaaca actgatccag acatatatac cgaagtgttc atgaaataaa 60  
 gcgtagaagt tagtgacga atttgttctg ggcgtttgtt ttagtattcc agcattttgt 120  
 ttctattgct aactgatgag aaatgcttta aacacataaa catgttctga tgtgtatgtg 180  
 tgagacttgc gtttcccaac gttgcataaa ataagcaca ataatgtgtaa aatagtgtaa 240  
 aataactgca aatagcttta tcttacacag aaagacagggt gaacagctcg tctttaatct 300  
 taagcataac atttgttttg gtaatcttat aaagattgct tcttgcacat tttta 355

<210> 1251  
 <211> 268  
 <212> DNA

<213> Homo sapiens

<400> 1251

aaaacaaaaa	aaaaaaaaaa	aaaaaggggg	gggggtttttt	tctggaaccc	ccaccgataa	60
aaaacttttt	gggggggtggg	acaaccccc	ctttaaagg	ggggaaaaaa	ggggcttttt	120
ttgaaaaatg	gggacgtttt	ttgttttttt	ggcacccttt	aaagccccca	taaactgggt	180
aaaccccccg	cctgggcttt	tttttttttt	tcacgttcca	ggggaggggg	ggggagtttt	240
gtccctcca	gcagcccctt	ttttcctg				268

<210> 1252

<211> 291

<212> DNA

<213> Homo sapiens

<400> 1252

aaaaaaagct	taatagtcac	aatatatatg	ggattttttac	caaagaaaaa	cacaaaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aacccctcac	120
aaaacagcac	attaaaaatga	gacattttttg	gggtgggcgt	ggtggctcac	gcctgaaatc	180
ccagcacttt	ggcaggccga	agtggctaga	tcccttgagg	ccagggtgtt	ggcacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	gaactaccga	tattaccag	g	291

<210> 1253

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1253

tgcattctct	gttatcttct	gtgaagtgag	tcagtttcaa	ctttgccttt	gtgcttatgt	60
gtcattctct	gtcttttgat	gttcaagtct	atattgggtc	cagactctgt	tttatttaac	120
ctgtttgttt	tctttctaaa	aacatattct	atattcccgt	tcaagagtgg	agctaacttc	180
acaggatttg	ggaaaattct	gattattcta	gcccatcac	agaatgccca	ggacaaggaa	240
gacaccactt	ctctgaggaa	ttgtgccaag	aatacaagtc	ggtgaagtca	gcattgcacat	300
gttgaatgtt	tacaatgtgc	cagggtacttt	catatactat	tc		342

<210> 1254

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1254

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gggcaaatac	ctaccaagtc	atagggttga	tgtaaagtct	agttgagata	atggagggtta	120
atttcttttt	tttcttaagc	ttaaattttg	gatccatttt	gtgttgattt	ttgtatatgt	180
gggtggaatt	tcttagaagc	tagaaagtta	ttaaatgctg	cttatgagcc	aaatactgtg	240
ccaagggtc	tgtccagatc	attccagtta	atccacccaa	gaccccaaca	gcacaggtgt	300
tgctatattt	ttgtggtgag	gaactgagac	ccagggaagt	cacggtactt	tgcccaaagt	360
caccccgatg	tcaagcgtaa	gagcan				386

<210> 1255

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1255  
 tacggttgcg agaatacgac agaaggggcg tgagctactt ttttttttaa cagataatca 60  
 acagggccaa agcaattaag tcattttccc agtcacttgg ccaataagca gcaagtcaat 120  
 gaccagaaca aattatacaa ctttcatctt cccataactg atctaagcct accaaaaaaa 180  
 cggatgagac tagacagaag aaacagtgtc accttcatcc ccggtcatct agtcaagaac 240  
 tacgcaaaag ccatatgtaa cagaaatcta ggaccacagg ctacagtgcc atggcacaaa 300  
 catggctcaa tgcagcctca acagcttggg ctcaagcaat tctccacct cagcctccag 360  
 agtagctggg gctacaggca ta 382

<210> 1256  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (343)  
 <223> n = A,T,C or G

<400> 1256  
 gataggcctg aagaacacag ggcgctgcat ttagaaagga ggcgggggtca gaggaataga 60  
 aagggatag gctgaagaac agaggtcgct gcatttagaa aggaggcggg gtcagaggaa 120  
 tagaaaggga cagggtgaa gaacacaggt cgctgcattt ataaaggagg cggggtcaga 180  
 ggaatagata gggacagggc tgaagaacag aggtcgctgc atttaciaag gaggcggggt 240  
 cagaggaata gaaagggaca gggctgaaga acacaggtcg ctgcatttag aaaggaggcg 300  
 ctgtcagagg aatagaacgg gatacggctg aagaacacag gtn 343

<210> 1257  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 1257  
 gtcggttgtg acagtgaaaa atatcttcag acattgccaa atgttccttg ggaggcaata 60  
 tcacccttcc ttttctgcc ggtagtctta tgaatttctc acagcagaat ttctctttcc 120  
 atattcctat gggcattaga gaggtagaac atcagcattt accagacata tttgatacta 180  
 agtccttatt tgtaagtca gagaagtctg aggttataaa atcattccct tcctcctcaa 240  
 agagaagtga aatccttata ttgtagagat caccaagttt tcatagtcag acatttccac 300  
 tttgtctggg tttttaaaaa acctatcaga gaaaacta 338

<210> 1258  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1258  
 gacctgggag aagctgacaa tgaaaatgat cggctttttt tttttttttg gagtggggcc 60  
 ctcttttttc cccccggtct gtatttccca cattgcata tgaagtaaaa tgctcctgtc 120  
 cctggtgctt actagtgtag tgatcatacc ccggcatcct gcttggggaa caaaacatcc 180  
 caatacctgc ctagggcaaa tttggcaaac ctaaaaaaat atgagccac cgcatttaca 240  
 gattccttac cacgaaaagg aaactccgca ttttgtgacc atttaaaaat tggggctata 300  
 gctaccccaa cagcccg 317

<210> 1259  
 <211> 338  
 <212> DNA

<213> Homo sapiens

<400> 1259

catcatatac	tcatggcact	aaaccacagg	aaattctaaa	atttctagca	gtatttctgg	60
taatctaaat	aatatatata	aaagtgtgtg	tgcgcgtgtg	tgtaggtcct	ttgttaaacc	120
cttgtagatt	tatgattcgg	ggcgggaagaa	ttctttgctt	tagaaactat	cttggttcta	180
taatttttaa	aaaaatcctg	tcttttttct	gtttaaaagg	caatacttat	tcattttttt	240
aaaaaacagt	gacagtaaaa	agttaaaaaa	taagctaagt	agggactaag	gaaagagtaa	300
aagtcaaggg	tatctatact	gattaaagaa	tttttagg			338

<210> 1260

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1260

gtgcggctat	ggagaccag	gggcagccca	agtccttttg	aaccaagcag	ggaggggttt	60
tcagggtctt	tccagtgacc	caaggaggga	agggctgcgc	tgagatgtgc	cactttcagg	120
cagagagaga	gagaaagatc	tgggggtgag	gggtactaga	cctctggatc	gggtgtcatc	180
ggctcgcctc	ttggcatagt	ttcagaccct	attttctggc	tgactttcag	aactacagta	240
ttgctcaaac	tctgctgtgc	tcagagcctc	gtaggagaac	tggtgagaat	gcagatgccc	300
aggccctaac	cctggagatt	ctaattcaca	aggctaggga	g		341

<210> 1261

<211> 349

<212> DNA

<213> Homo sapiens

<400> 1261

acgacagaag	gggtgttggt	ttgttccaca	tttaggatca	ttttcccagg	ctagattttc	60
agatgtggga	ttatgggttc	agatatggtt	tacacatttt	tatagttctt	aatacagatg	120
gccaaattgc	tttctgaaag	agaatctttt	cttaagtatt	tttctccaac	ttgtatctta	180
aacatcctga	acatgcttag	caccactgtc	ttgatataat	tgcggaaagc	cacgtctgca	240
cttttttagtg	ttgtgggccc	tgggataggc	aggcattctg	tgcttgctct	ttgtagctgg	300
acgtaaaatt	tcttttttct	gctgggcgcg	tgggtttttt	cccgaatg		349

<210> 1262

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1262

tacggttgga	gttgacgaca	gaagggaaca	cattaaaagc	cagagttcag	ggatatcaga	60
gctagatata	aaatgttacc	cttcaaagtc	agagagcctt	gagggttatgt	gtggaatacc	120
cacgaggagg	aagtccttaa	tcagttatct	tgcaaagact	cagcagaacc	tgggcataaa	180
cccagacttg	agcaaact	aagacaatgg	ctcctgcaag	aactgtctcc	tctcaatatt	240
tggagtatgt	cagatacagc	agtgcctttc	agaatgtgcc	taacatccct	aaagaatttg	300
aatatgccac	tctttttttc	tgatttaaaa	ttttcttact	gttgacagagt	attaatttaa	360
aaagatgttt	aagactgttc	atg				383

<210> 1263

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1263

gagggtttcat	ttgtggcgag	attctctccc	aggccacaag	acatttctctg	ctcggaacct	60
-------------	------------	------------	------------	-------------	------------	----

tgtttactaa	ttgtaagtac	tttacaagta	agaacttggt	ttaaaaaactt	agcattcaaa	120
aaaaaagctt	tctttaaaag	atattcgatt	ttcttggttt	ttttcttagc	atgttatatt	180
ttgaggttca	gctaaaagac	taagggtttc	ttatctaatt	gctttaaatt	tatacattta	240
gtcaaattca	acaatttctt	gctaagcatt	ttgccagatg	ccaggctttt	caaagtagtg	300
taagatccca	gccttgaatc	ctcatcaatt	gctgctttct	gctgcaacac	ata	353

<210> 1264

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1264

gataggggag	agacagaagg	gaggaaaaga	tttttcttaa	ggagagcaag	aatcaatact	60
atgaaagtca	atttccttat	tcaaattcaa	agagaaattt	tgtaaccaa	aatgggagaa	120
ctactgaaaa	gtcagaagta	aacagaagac	tggagtagac	agtgaggagc	aaagataaaa	180
ggagagagaa	gattcaagac	agtcccccca	tttttattgg	tcttttagctg	tgctatttgt	240
gagtgggtag	atttgtttaa	aggctcaggg	tctggccggg	cgcggtggct	cacgcctgta	300
atcccagcac	tttgggaggc	cgaggcaggt	ggatcacgag	gt		342

<210> 1265

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(374)

<223> n = A,T,C or G

<400> 1265

cgttgctgtc	gcacgaagcc	ttggaaagca	tactttcacc	ccaggaaacc	ttaaaagaga	60
gagatgaaaa	tctcctcaag	tctgggtaca	ttgaaagtgt	ccagcatatt	ctgaaagatg	120
tcagtggagt	gcgagctctt	gaaagtgtctg	ttcaacatga	aaccttaaac	tatataggct	180
tgctggactg	tgtggctgag	tatcagggca	agctctgtgt	gattgattgg	aagacatcag	240
agaaaccaa	gcctttttatt	caaagtacat	ttgacaaccc	actgcaagtt	gtggcataca	300
tgggtgccat	gaaccatgat	accaactaca	gctttcaggt	tcaatgtggc	ttaattgtgg	360
tggcctacaa	agan					374

<210> 1266

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1266

aagactccat	ctcaaaaaaa	aaaggaagga	aaaggaaaga	aaaaaccctt	ggaaaagtag	60
gggattttga	aaaaaatttc	cccattttca	ttaaagagat	ggacatataa	ttttaaaaaa	120
ttcaaatacc	ctatgtaaaa	tgctatgtaa	aacacccttt	gcaaaaaccc	aaagtattca	180
aatttttgag	ggcatatggc	aaaaaaaaaa	atattaaggg	cagttaacga	cagggggcag	240
gccacataag	ggggaaacta	cttcaaactc	acaggggaac	tctcagcaat	atcccacagt	300
caaaagactt	taaaaaccca	tattcagcat	ttttg			335

<210> 1267

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1267

ctttgtttta	gaacgtat	gctcttcct	agaaacagac	tcagaaaaaa	aagaactatt	60
ttctctaaaa	tttaaaaaaa	tattttctca	aaagtgaac	ttggatatgt	aagggttttt	120
gctaaagc	tgctaacatt	agtaatagca	atgaatagga	attaatgaca	ttagaaatag	180
taataccaaa	taactgtgac	tagtgcaact	tcaaaaataaa	tttcattctc	ccacaaagct	240
cacaaattgc	tctttgctta	aagatcttct	tttggtgtgt	ttaacttttc	tagagcattg	300
tatatcttgc	ctaaaataaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctccg	360

<210> 1268

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 1268

ggacatgaag	aaagagcttc	ctgcaattca	aggactgtac	aaagctgaaa	cgcagagatt	60
ttcatattat	ttgggagact	cagaaatgag	cttttaagga	tgttccttga	cttgcgggtc	120
aataagcgca	caatgggtgaa	gaaaaggctg	ccttctaata	acacgggtgt	ccggtttgag	180
actccgggca	gcccaaggaa	ggccaacgtg	gaggcctcac	gcagctccac	agacagcccc	240
agctcggtgt	tcctcagctc	agaggctgag	aatggtgtgg	aggagagana	gaaagcctag	300
cggtcgtcct	catctgcata	ccatagccca	tttgtgtagg	cggagtctcc	agaccaga	358

<210> 1269

<211> 344

<212> DNA

<213> Homo sapiens

<400> 1269

tatctcagag	agtactggga	ttctgaaagt	gaaaggggta	taccaggtta	aagtatggga	60
gtgctggacc	aagctaacat	gttcaagaag	aaatatggga	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaagatt	ggacaatgga	gaatgtttca	gtttatcaat	180
attggtgcac	tcttccatgt	aggatgattt	aactctgtga	tatgtaccct	ggaagattga	240
agaaaatatta	cgactatgta	ggatccttggg	cactagaagc	ttgctgaaag	cggattccac	300
tttaagcctt	gtagaaatgc	taagaggtgg	ccggtcgcgg	tggc		344

<210> 1270

<211> 346

<212> DNA

<213> Homo sapiens

<400> 1270

atcttgggga	aggttaaaga	cacctggaga	atgaaatctt	ggattttact	ttcctgaaag	60
gctgaggcta	ggcataatc	tctgcctttg	ttccctcct	ttgtcttggt	taaatgttcc	120
tggccatact	gtacctgtgg	ttttattgtc	gtcctttttg	ggaacaagca	ggatataaat	180
cagtcagtga	aatttttagaa	tgtagctctt	tgggtctagca	tctaagtaga	taaagaagaa	240
atgggcactt	aataagtgcc	tctggaggct	tgtgatttgc	atggggctcc	caatgaaagg	300
taaagtcttt	gcttagaggt	tacacacacc	gaatgcaggg	tggctcc		346

<210> 1271

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(350)  
 <223> n = A,T,C or G

<400> 1271  
 gaagaaagag cttcctgcaa ttcaaggact gtacaaagct gaaacgcana gattttcata 60  
 ttatttgga gactcagaaa tgagctttta aggttggtcc ttgacttgcg ggtcaataag 120  
 cgcacaatgg tgaagaaaag gctgccttct agtgacacgg tgttccggtt tgagactccg 180  
 ggcagcccaa ggaaggccaa cgtggaggcc tcacgcagct ccacagacag cccagctcg 240  
 gtggtcctca gctcagaggc tgagaatggg gtggaggaga aaaagaaagc ctgcaggtcg 300  
 ccaacagccc aatcccctac cccatctgtg gaggcggact cccagaccn 350

<210> 1272  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)  
 <223> n = A,T,C or G

<400> 1272  
 ctgagaacag agaggggatg gagcatgaca attagtgttc attgacattg ttgttgagg 60  
 tccctaggta gggccagact gcaggcagcc agagagatgg cccaggccta gggaggggtg 120  
 aggacgggga caggtgcagg gccagcatcc ccaccactgc ctggcagctc cccagtaatg 180  
 cagatgctgg gtggcttctt ggagagggca caatcctggg ggaggtgttg ggaggttanc 240  
 cncnnntent tnnnnntaag gcccacnaag tttcaggccg cgtggccaga ggaatgagct 300  
 gagcatttgt tgtgctgcat gtaga 325

<210> 1273  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 1273  
 cggttgctgtc gccagagctt aactcttaac cattttgcta actggctgtc tctccaggcc 60  
 cccatcaccc tttccatcac cctcccctgc cccaggggca tcctatcaaa tggcagttcc 120  
 cccctcgctt gcctcagcat ctccaattta gagcttcatg gatctctctc tgttgaagtc 180  
 atgggatgga tttcccatct cagaaactgc acaagaaaca accttgaggt tttgaacaaa 240  
 ggatattcaa ggagtattca agaataatc ttcataatcg tggcatgag acatgagaaa 300  
 aaaggtgtct accacgtctt gtctctactc ataaagaaca ttggccagggt gcggtggctc 360  
 acgcctgtaa tcccagcact ttgaga 386

<210> 1274  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1274  
 cggggctaga gaagaacaaa ctagattctt gcaggcattc caaggaggct catcttgaag 60  
 cccaacctga ccgaatgcac cagtagactc ggccaagccc ttccttatgg cccagga 120  
 ctcccaagct atggcaccac aggaagccta tccaagctga ggacccaaga caagttaaaa 180  
 acaggttcaa cggaagggc tgagaatcac tggccattc tgtacccatg cctttaaaaa 240  
 taatacccag ctgcgcacgg tggctcacgc ctgtaatcct aacacttttg gaggtcaagg 300  
 caggtggatt acttgaggtc aggagatcga gaccagcctg gccaacatgg g 351



<210> 1275  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1275  
 gatattgagg cacagagagg ttaaataaat catccagagt ctagaaagt acagaactgt 60  
 atttcaaacc agtatcttct tgattttctaa aagtctttac ttttttttat ttttttttgt 120  
 ggaaaaaggg ttcgactttg tttccccggc tgaagagctg ggctgcacca ctacactaat 180  
 gttacctcta cctcgcggtg ggaggtgtct gtttggtcga catccctgag tgacttggat 240  
 agcagtatgc tcacctccgc cttcgccctca tttggtgatt ggatcaacca cggttttatt 300  
 gtcagattgc ccactggggg gctatgcttc tacttcctca cagtctcttt aatcagtgg 359

<210> 1276  
 <211> 201  
 <212> DNA  
 <213> Homo sapiens

<400> 1276  
 tagcctggct taatccacgt attgacttga acccggcacc tctgcatgct gggcacacac 60  
 acatccacac aggtgagcac agtcgtgtgc acctgcacgt tacacagggtg aacttttctc 120  
 atccaggcct gaggtttcca ctgcatctta aacacttagc cgaggtgtgt caggaccagc 180  
 aatgttgtct ttgcggccct t 201

<210> 1277  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 1277  
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcggt tctcaggtaa aacatggcta 60  
 aaagcttacg gagtaagtgg aaaagaaaga tgcgtgctga aaagagaaaa aagaatgcc 120  
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgtt ttaatgaaag 180  
 atgttcaaga gatagcaact gtggtggtac ccaaaccctaa acattgccaa gagaaaatgc 240  
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300  
 aaaagactct tctagaccag catggacagt acccaatatg 340

<210> 1278  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(352)  
 <223> n = A,T,C or G

<400> 1278  
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 aaagcttacg gagtaagtgg aaaagaaaga tgcgtgctga aaagagaaaa aagaatgcc 120  
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgtt ttaatgaaag 180  
 atgttcaaga gatagcaact gtggtggtac ccaaaccctaa acattgccaa gagaaaatgc 240  
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300  
 aaaagactct tctagaccag catggacagt acccaatatg gatgaaccaa an 352

<210> 1279  
 <211> 386

<212> DNA  
<213> Homo sapiens

<400> 1279  
cgttgctgtc ggctgggaga cacgagggtc acaggcatgg agaatggaga tggaggggga 60  
gcccgggtccg tgggccccaa gagccgagcc ggacgaggga tggagtgggg agacgcagga 120  
gggcgggtgtc tagggctggg gaatggagtc gtgtctggca ccccgggtggg gactgtattg 180  
gaaggcagcc cagaatgggc agcggcgagg agtgaacacc tggctgcagg tgacggcctg 240  
caggaaggag gcgaagatgg cccagggaa ccaaaggagc tttgccgacc cccgggagag 300  
ggagagggtgg actgggaacc cctggccaaa ttccgagcag cctgcgggcc agagctggca 360  
gacctggtgg ctgaggagtt ggcctt 386

<210> 1280  
<211> 360  
<212> DNA  
<213> Homo sapiens

<400> 1280  
gagcggagcc cggagcgtcg tggaaagcat tggacacatt tccaccatgc taatggcatt 60  
ttaaataatat ttggcaattt tcccaatttt ttactgaaga aaactgtaag tttataacttg 120  
aggactgaag tgtgactctg ccgattatca ggctttcaag atgaatctgg aaaaactcag 180  
caagcctgaa ctctgacac tatttagtat tcttgaagga aagcttgaag caagggacct 240  
tgttatataa gcctttaaag cccaacacag atatactttc attgaagaac gctatggaaa 300  
atataacatc agtgatcctt taatggttct acgagagatt ttgaacactg aagagaaaaa 360

<210> 1281  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 1281  
gggctcagag gagagaactc ccagagggtc tgggccctcc ccattcagag cattgagcca 60  
gaccaggcct gtcgtgggtca cctgcatgga atcttctccc tacttaggca ctgccaggcg 120  
gaccatcttc tggatgagaa gggcagggca caatgtctcc tccagagaga gatggtacag 180  
tctctggagc agcaggtaat gccagggcg tggagggtaa gggataggga tagtgcgcaa 240  
aaccttctgt ccaccatgtg ccagaaacca agttcacctg ggacgagggc tggataaaag 300  
gaaagaagag gagcggggcac tcccagggaa gaccgtagcc tgggcaaaga tg 352

<210> 1282  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 1282  
ggagcggagc ccggagcgtc gtggaaagca ttggacacat ttccaccatg ctaatggcat 60  
tttaaataata tttggcaatt ttcccaattt tttactgaag aaaactgtaa gtttatactt 120  
gaggactgaa gtgtgactct gccgattatc aggctttcaa gatgaatctg gaaaaactca 180  
gcaagcctga actcctgaca ctatttagta ttcttgaagg agagcttgaa gcaagggacc 240  
ttgttataga agccttaaag gcccaacaca gagatacttt cattgaagaa cgctatggaa 300  
aatataacat cagtgatect ttaatggctc tacagagaga ttttg 345

<210> 1283  
<211> 360  
<212> DNA  
<213> Homo sapiens

<400> 1283

ggagcggagc	ccggagcgctc	gtggaaagca	ttggacacat	ttccaccatg	ctaattggcat	60
tttaaataata	tttggcaatt	ttcccaattt	tttactgaag	aaaactgtaa	gtttatactt	120
gaggactgaa	gtgtgactct	gccgattatc	aggctttcaa	gatgaatctg	gaaaaactca	180
gcaagcctga	actcctgaca	ctatttagta	ttcttgaagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaag	gcccacaca	gagatacttt	cattgaagaa	cgctatggaa	300
aataatacat	cagtgatect	ttaatggctc	tacagagaga	ttttgaaaca	ctgaaggaag	360

<210> 1284

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1284

cggggacgag	ctggaggacc	cctatcctag	acagatgagc	ttcttctgat	atacacggga	60
ctcgggggag	gctaacgacc	taggagtatc	caaccagcac	cgtaacacac	agaaccactt	120
caactcctgc	tttctctcca	tgtgtacaca	atgtgacagg	gacggggtag	ataagacatc	180
tccttcaggt	gaaacagcta	cctcatccct	ctgtagtgtc	acaaacacat	ccatgatgac	240
atcagagaag	ataacagtga	caacctccac	aggctccact	cttggaacc	caggggagac	300
atcatcagta	cctgttactg	gaagtcttat	gccagtcacc	tcagcagcct	tagtaacagt	360
t						361

<210> 1285

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1285

ttcgcgggccg	caaattcttc	ttcttcccct	gtccctcctc	cccaccctg	cagtttgcac	60
tctataagaa	gatgaccag	gcggccatcc	tgatccagag	caagtccga	agctactatg	120
aacagaagcg	atttcagcag	agccgcccag	cggctgtgct	catccagcag	cactaccgct	180
cctaccgccc	caggcccggc	cctccccacc	ggacttcggc	caccctgcct	gcccgaaca	240
aaggctcctt	tctaccaag	aagcaggacc	aggcagccc	gaagatcatg	agattcctgc	300
ggcgctgccg	acacaggatg	agggaactga	agcagaacca	ggagctggaa	gggcttcccc	360
agccgggact	ggccacatg					379

<210> 1286

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1286

ttcgcgggccg	caaattcttc	ttcagcccct	gtccctcctc	cccaccctg	cagtttgcac	60
tctataagaa	gatgaccag	gcggccatcc	tgatccagag	caagtccga	agctactatg	120
aacagaagcg	atttcagcag	agccgcccag	cggctgtgct	catccagcag	cactaccgct	180
cctaccgccc	caggcccggc	cctccccacc	ggacttcggc	caccctgcct	gcccgaaca	240
aaggctcctt	tctaccaag	aagcaggacc	aggcagccc	gaagatcatg	agattcctgc	300
ggcgctgccg	acacaggatg	agggaactga	agcagaacca	ggagctggaa	gggcttcccc	360
agccgggact	ggccacatga	cctg				384

<210> 1287

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1287

cagaagacat	ctcctgtggg	gtgaaacagc	tacctcatcc	ctctgtagtg	tcacaaacac	60
atccatgatg	acatcagaga	agataacagt	gacaacctcc	acaggctcca	ctcttggaaa	120

cccaggggag	acatcatcag	tacctgttac	tggaagtctt	atgccagtca	cctcagcagc	180
cttagtaaca	gttgatccag	aaggacaatc	accagcaact	ttctcaagga	cttctactca	240
ggacacaaca	gctttttcta	agaaccacca	gactcagagc	gtggagacca	ccagagtatc	300
tcaaataaac	accctcaaca	ccctcacacc	ggttacaaca	tcaactgttt	tatcc	355

<210> 1288  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 1288						60
attggaagaa	ccaacatcta	taagaataaa	aaagattatt	atgatatgta	tgagccagaa	
gaagtgaaaa	ttttcagatg	tccatctcct	atctactttg	caaacattgg	tttctttagg	120
cggaaactta	tcgatgctgt	tggttttagt	ccacttcgaa	ttctacgcaa	gcgcaacaaa	180
gctttgagga	aaatccgaaa	actgcagaag	caaggcttgc	tacaagtgac	accaaaagga	240
tttatatgta	ctgttgacac	cataaaaagat	tctgacgaag	agctggacaa	caatcagata	300
gaagtactgg	accagccaat	caataccaca	gacctgcctt	t		341

<210> 1289  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(301)  
 <223> n = A,T,C or G

<400> 1289						60
atcaaaaagga	gacttaagtg	attgagaaaa	acatagtggg	atccggaaaag	aatgacacct	
gaaacaaaga	tggtgagtat	aataacccat	ctatcctgtg	tgtgggttgtt	ttttctcaga	120
atgagggaga	agctataaag	caaatatctt	tatctttatt	tacaataact	cataagtaat	180
ataaacactg	acttggctct	tattataact	gtatctaggg	taccatgaac	tttgagtgcac	240
tgagtgaaga	tggcagaccc	atactgtatc	taactataga	cactttttga	ccaataaaca	300
n						301

<210> 1290  
 <211> 179  
 <212> DNA  
 <213> Homo sapiens

<400> 1290						60
tagtggttttc	attcccagat	gtcaagcaaa	gaagtggagt	tataaatttc	tcgactagat	
aaacctacaa	cagcttagaa	tacatttggt	ttaaaatgtg	attaaattat	tataataaag	120
ttctcataac	tctaggacaa	aactactatc	tttgtacaag	gtatacattt	tttccttat	179

<210> 1291  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1291						60
gtttaaaaca	ttaaaagtaa	agggttatat	aaacattcat	aagaatatta	aaatgtgctt	
caaagtaaac	atcaggtaca	tcaaaataaa	tttaataaat	tagaagtcac	tttaggcata	120
aataaaaaatg	ctatctttca	tttatccgta	tgccctaaaat	tgtctcttct	aagcggaaaa	180
aaaccacttt	gtttaacaca	gatttttcc	tattgttaatt	agaaatgcag	atggaaagac	240
taaattaggc	aatggttgac	aggaggaaaag	acatttgctt	taaaatcggt	gggagtgcatt	300

tcaagttcaa atc

313

<210> 1292  
<211> 332  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(332)  
<223> n = A,T,C or G

<400> 1292  
agtcaccctg agagtgaaac agatacaaaag agagaatgac cctcacagct acagaaagaa 60  
atgaaatggg gcaggagaag agggggaaga aagctaaata actgattttt ttaagaatgc 120  
cagattaagg ccgggcgtgg tggctcacgc ctgtaatccc agcacttttg gaggccgagg 180  
tgagtggatc acctgaggtc aggagtttga gaccagcctg gccaacatgg tgaaaccccg 240  
tctctactaa aaatacaaac attagcaaga tgtggtgtca cgtgcctgta atcccagcta 300  
gtanggaggc tgaggcaaga gaattcgntg at 332

<210> 1293  
<211> 322  
<212> DNA  
<213> Homo sapiens

<400> 1293  
taaacagcat catatagtgt ataatgaatt acaatttggt attattttaac ggtgcaatta 60  
gaactttttt tccccacata ttggtacctg taagttaata tcatectctg taattattat 120  
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180  
gatggatata aagaatagaa acaggtagag ctgtggagaa tgcaaccatt taagagtggg 240  
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt 300  
ggaacagaag tgttgatgga aa 322

<210> 1294  
<211> 332  
<212> DNA  
<213> Homo sapiens

<400> 1294  
acttcaaadc tatatttttg gccctgagct gttgccca tttcactcac aatgtaatac 60  
tcagaagcct gactgctttg tctctacctt gtcttctggt cttctgtaat catttttccc 120  
ctttttaaac cttttacttt gaataattca aatttataga aaagttgcaa taactggcca 180  
ggtacagtgg ctcatgcttg taatcccagc actttgggag gccaaaggcg gtgtatcacc 240  
tgaggtcagg agttccagac cagcctgggt aacatatagt gaaaccccat ctctactaaa 300  
aaaatacaaa aattagctgg gcatggtggt ga 332

<210> 1295  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 1295  
gtatgtaata agaaaattaa ctctcattta agttagtgat ataattggaa aggaagtagg 60  
agaaaatcat atttataaag aaaaggataa acttaagggg gtttaactttt tataatagct 120  
ctaaaatatc atttgtctct acctgtcttt tagaaggcag tagtatectc actctcagaa 180  
cttcaaaatt aagcaaaaaca catagatact ggaaaagtc ccttagcatt tccccttagt 240  
aatgccttct gagaataaaa gtttagtcca aattccagta tttatcaaat tcaactgggc 300

aagaatgccca gcttctaaac attg

324

<210> 1296

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1296

gtttcactgt	gttggctagg	ctggctctcaa	acttttgacc	tcagatgac	ctccctgagc	60
caccgcgtga	gccaccagcg	tgagccactg	cgcccagcca	aaagctttta	cacatctttg	120
aaaagtcttc	tgtgtgataa	ccattttgtt	tcttatatat	gataaaaagct	ttaatctggt	180
agataataag	aaaattctga	agaataacta	tgattgtgct	acataattaat	atcaattatt	240
ctctgccaaag	aattgcatat	aacatactta	atactaatat	taaatatatc	tttcttttcc	300
ttcaattatt						310

<210> 1297

<211> 308

<212> DNA

<213> Homo sapiens

<400> 1297

gggacaattt	gacatgtatg	taaaaagctt	taaaaatgta	atgtatatta	cattatcata	60
catattaatg	tatattacat	ttaccctttg	actcccacaa	ttctactatt	aaaaatgtat	120
cctatgggga	ataattacgt	tttaactata	aagctgcgta	aaaatcaaac	tccgcaagaa	180
tatattacaa	accagctttg	aaactattaa	ttttactttc	ttttatagat	tttcagtgac	240
tctttcacaa	ggaccaatta	tttttaaaag	agttatttta	atgtagttaa	caatagggtg	300
aatttaatt						308

<210> 1298

<211> 207

<212> DNA

<213> Homo sapiens

<400> 1298

tggtacaggg	agaagtctag	ctcctgacca	ggctctgatt	tctctggccc	tgcctatttc	60
aagttcctca	aattccttga	ccccaacctt	tgcccataaa	gaaacctccc	catgaccctg	120
accctgacag	agaactggcc	gtgaaaattt	ttgcattgac	aacagatatt	ggaatgcagg	180
gtttccctat	ctacttcagg	ccccttg				207

<210> 1299

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1299

aatccattct	cacaaaataa	agcaatttta	aaattaaaat	taggtgggtt	cattctattg	60
cttatgatca	aataaaacat	ttctctggct	ttttcttgca	catagacata	atccaagtat	120
tttttcacat	gacctacaaa	tctctgaatg	atttggtctt	ttccacttct	ccagcatcat	180
cgtctacaat	cattactaca	tccctttctc	tctgcactga	cagcttcttc	caagcttttt	240
tctgcctcca	gccctttgaa	ttttctcttt	tcttttcttg	atcttgacat	agctgagtct	300
ttttctttat	taaaattgta	gacacagcag	catt			334

<210> 1300

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1300  
ctaccatttt aaattaattt agcattggtc tgttacaaag tgcataataat ttagattcag 60  
aagaattggg cttcagttat acttttgtca ctttctcaat atgtaacctt ggataaatcg 120  
ctccctcttt ttcaaatattg atgtgtacaa atgtaatatg aagtacttgg caacgctcagg 180  
aacatttgat aaggcaaggt atataaagat atgtgtgtag ccaggcacgg tggctcatgt 240  
ctgcaatccc agcccttggg gaggccgagg cgggtggatc acctgagggtc aggagggtcaa 300

<210> 1301  
<211> 327  
<212> DNA  
<213> Homo sapiens

<400> 1301  
tccaaatgag gcaccattca tcacagcttc tttctcattt ccatctagtg ggtaagagggt 60  
ttctcttctt aaaactacaa tttcttaacc tttacaagtt atttaacatt ttctatcata 120  
ttaaattagc aacataaaac attatccttt atctataaac ttctagtctg gttccctaga 180  
gtttatatac acgtttttat ttctaattctg caagaaaaaa aattcctatt tgttatttgg 240  
taacagagca ttaaaagata ctatacacat gtggtgcata tatatatata tacacacaca 300  
cacacacaca cacacaaaat acacttt 327

<210> 1302  
<211> 149  
<212> DNA  
<213> Homo sapiens

<400> 1302  
ctcacaccat gaagtcaaac cctcaaagat ctacagcctc agtgaaaagt tggataagaa 60  
aaacagtctg ctaccagca ctggacgaca agaaggaagc ttatctgact ctggatgaca 120  
aggacggggg aaaagtctct tctaagaat 149

<210> 1303  
<211> 334  
<212> DNA  
<213> Homo sapiens

<400> 1303  
ggctgctttt tactcctttg aaaatattat ttcatgcatt acttctcggg agtacaattg 60  
aatccttttc tcattttcct agacagttta tgtcgactgg acctaaaacc tgaaaaggta 120  
atattttacaa atttgaacac atatatctgc ctctctgaat atctccattt aaatgtctct 180  
taatgtctta tcagctcttg aaaataatta gcaaatggag tagatgcatg acatcataat 240  
ttctgatctc acctcaaaga acaacaaaag tctactatga attcaatagt gaattttaat 300  
gattttttgca ctgcattcat tacatctata taca 334

<210> 1304  
<211> 333  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(333)  
<223> n = A,T,C or G

<400> 1304  
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tgccaaagcc tcacttgatt agggaatatt gagtataaac cattgagaaa gcaacagtct 120  
cttgagtttt actaattggg gtgtgtgggg tgtgtgtgtg tncntntgtg tgtatgcata 180

tgtggatatg	tgtatgtata	ttaaagatat	aagtaagaat	tttggaatat	gaattatatt	240
ttgggtttaaa	aaaagagggg	agtttttagtt	gtgttagtta	tgtaataaaa	ttgggtttaaa	300
aattaggggtg	aagtggggggg	ggtatttttgt	tag			333

<210> 1305  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(313)  
 <223> n = A,T,C or G

<400> 1305						
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tatgcttttct	gcctacacat	taaagaataa	attattaaga	cagaatccac	agacccccca	120
aggatatttg	aacgtacatt	tttctgatga	gatagcacia	cactttgagg	agatgctcag	180
agaagttcat	gacctttgac	aagcaatttc	tgcattaggg	aatatacttt	aagattttat	240
tctcagaata	cttcaaaaata	agctataatg	gtaacaattc	cctaaattca	aggattttctc	300
atgaattatg	ccn					313

<210> 1306  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1306						
aatgaccaca	tttcacaatt	gaacagggga	tattattttca	tactataata	ttattttcaaa	60
ctataataaaa	gaactggctc	ctgtagaaga	gaagggaaat	tatttttctat	gatccaaaga	120
attgaaatac	atatcagtta	tagtaagatt	caattgtagt	agcaaaaaca	attggaaact	180
attttaaattg	gcatcaatac	aggaaaatgg	tgacatgtac	tgtaatacat	ccatacaaaa	240
gaatactgtc	ggccattaaa	agaataaaagt	acatccttgg	ctgggtgtgg	tggctaacac	300
ctgtaatccc	agcactttgg	gaggctgagg	g			331

<210> 1307  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 1307						
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aaatccagct	tctcacaaaa	tagaataaac	agcacatggt	tttatgattg	caccaaataga	120
ttcttaaaaa	ttttcccttt	gataaatatt	gtttctacct	atgtagacat	aatgtggcga	180
tttggagagt	gacattagct	tatgatcaaa	taggattcca	tgactgaaaa	cagaagggaag	240
atacttttctt	tctttttctt	tttcttttct	tttcttttact	ttccctttct	ttcatggagg	300
tgtacttttg	ctgcccaggc	tggaattgag	tga			333

<210> 1308  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 1308						
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ggcatgagcc	accatgcccg	gcctactctt	taataagtgt	aaaatatctg	tgatgaaaca	120
acttagtctt	taatcaaaca	atataccgta	ctgtatctta	ttttttttaa	aaaatccaaa	180



tttatttaaag	ttcagagtaa	tagagtttga	ccaaatttca	ttagcctttc	taaaacacag	240
aatgatgtgg	aaaacataaa	gggattacga	tagggaatct	cacttaagat	ccaaggaat	300
tttggcaata	aactaaaaat	tttcttg				327

<210> 1309

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1309

ttagcaaaat	gcctcttcga	catctatggg	atcattttaa	aaatgttttg	ggggacttaa	60
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ttgctaccac	catgtgctag	tatgtgacag	atgttttagat	ggctgtgacc	aggcagactg	180
gtcacttcaa	aacttgtttg	agccatatgc	aagagaaaac	ataatgtcga	gacagaaagc	240
tgaaaaatgt	gtaaacaata	aaattaattt	ggtaagttat	gaccaacagt	attcttttta	300
atgagataaa	ataagtatat	cagaatacat	tgaac			335

<210> 1310

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1310

gagttttcat	ttgtggtgag	attctctccc	aggccacaag	acatttcctg	ctcggaacct	60
tgtttactaa	ttgtaagtac	tttacaagta	agaacttggt	ttaaaaactt	agcattcaaa	120
aaaaaagctt	tctttaaaag	ttatttgatt	ttcttgtttt	ttttcttagc	atgttatatt	180
ttgagtttca	gctaaaagac	taaggttttc	ttatctaatt	gctttaaatt	tatacattta	240
gtcaaattca	acaatttctt	gctaagcatt	ttgccagatg	ccaggctttt	caaagtagtg	300
taagatccca	gccttgaatc					320

<210> 1311

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1311

caaccttgac	aaatagaatt	ataggagctt	acatgttctg	attgatagat	gagcagactt	60
tacaataaaa	attataaaaag	gtagatagat	attttatgct	tgcattagaa	aatatgtagg	120
ccaaccaggc	agtggctcat	gcctgtaatc	ccaacacttt	gggaggccaa	ggtgggcgga	180
tcacttgagg	gtgggagttc	aagaccagcc	tggccaaatt	ggtgaaaccc	catctctact	240
aaaaatacaa	acattagccg	ggcatggtga	cagccgcctg	tagtcccagc	tactcgggag	300
gctgaggcag	gagagccgct	tgaaccctgg	agtcg			335

<210> 1312

<211> 268

<212> DNA

<213> Homo sapiens

<400> 1312

aacccacttg	taggagcact	cttgaagaaa	atctgcctta	ccatctttta	caagagttta	60
aaaatacttt	tttcttttaa	aggtacttac	tgatccagcc	ctttataaga	agaaaaaccc	120
ttagtcccca	ttttctaaca	gtgaatttat	taggtttctt	taaagaaaac	aataataaaa	180
gaccagggcc	aaatctattt	taattcataa	gaatcttctc	ctaagtaggt	gcttcattcc	240
attaagctta	aatcaaccca	aactgaag				268

<210> 1313

<211> 125

<212> DNA  
<213> Homo sapiens

<400> 1313  
tacgttcttc taaaacacat attgtgaatt aatagaaata ctattgaaaa attggaaacg 60  
taatttgaaa tcattcaaaa gcaaacgcct ccaattgagc cctattagag gaatatgaac 120  
aaaat 125

<210> 1314  
<211> 315  
<212> DNA  
<213> Homo sapiens

<400> 1314  
atatctcata tactccataa atatatatac atactctatc cacaaaaatt aaaaataaaa 60  
aaatagtaac aaagtttttc taaatttaaat agtggttttag aaattaaaag agaccaaga 120  
ataaaaggaa aggtgaacta agagagatat aggttaaaaa gaaatataag agaaataagc 180  
tatgtaagag atacaggccg ggcgcggtgg ctcatacctg taatccaaca ctttgggagg 240  
ctgaggtggg tggatcacct gaggtcagga gttecgagacc agcctagcca acatggtgaa 300  
accctggctc tacta 315

<210> 1315  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 1315  
cttattgccc actcttacca atttgacaga gactttctgaa gataattcgc aattctaatt 60  
aagggttttct gaaacagttt tggcggtggt tgttttttgg tgtgtgtgtg tgcattgtgtg 120  
tatgtggtgg tagtgatttc taaaatatat agtttttaaac attgaacagt aaagggttagc 180  
aatgatattct cttttttctc tgtgatttac tgtgctttct aatgttctac atttattgta 240  
tattgacttt atagtcacag aaaacatggt atacaactat gtagatgtat tttcgaaggc 300  
acgcattaac ctatcag 317

<210> 1316  
<211> 322  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(322)  
<223> n = A,T,C or G

<400> 1316  
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gaactttttt tccccacata ttggtacctg taagttaata tcattcctctg taattattat 120  
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180  
gatggatata aagaatagaa acaggtagag ctgtggagaa tgcaaccatt taagagtggg 240  
acagaagtta tctctgcaga ctgtctggag aataaaagaaa caaaggaaca gaagctactt 300  
ggaacagagg tggtgatgga an 322

<210> 1317  
<211> 337  
<212> DNA  
<213> Homo sapiens

<400> 1317  
 tggagggtgc cgggaattatc tggaagatct gggagcgtct tcactcatac gtccggtgtc 60  
 tgggctggat gactccacgg ttgtgcgag ctggaggaca gctgaccga gtgccacac 120  
 gtggcctctc tgtgtgactt gggcttcctc acagcatggt ggtctcagga caggcagact 180  
 tcctgcatga cgtttggttc atcaacaag gcagaagggtg aatcaccttt tatgatctag 240  
 actcagaagt tgcctctatg ctggagtgc gtggtgtaat tatagctcac tgcagccttg 300  
 acctcctgga ctcaagagat actcctgcct cagcctc 337

<210> 1318  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 1318  
 tcatgaaata aagcgtagaa gttagtgcac gaatttgctt tgggcgtttg ttttaatat 60  
 ccagcatttt gtttctattg ctaactgatg agaaatgctt taaacacata cacatgttct 120  
 gatgtgtatg tgtgagactt gcgtttccca acgttgcata acatatgcac aaataagtgt 180  
 aagatagtgc aaaataactg caaatagctt tatcttacac agaaagacag gtgaacagct 240  
 cgtctttaat cttaagcata acatttgctt tggtaatctt ataaagattg cttcttgcac 300  
 atttttaaag aaaaaatgtg aaa 323

<210> 1319  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 1319  
 gaggttcatt aaattgtaaa aggtcactca gctctttaag tggaagcatg tggattttac 60  
 ataggtatgt taaaatcctc ttacacagag cccagacttt ccaagggtta ttctgtgtgt 120  
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gctcaagttg aggccaggg tgctcacact 180  
 tgaaagagag aggcgtgctcg gggcaatata gatctaacgg ggggggatat agaattgaat 240  
 acgcaatacg acaagaccta gcttacgttg tgaaatgaac tatctcttcg gtgtgcacgg 300  
 tgacacacgc ctgttattct agg 323

<210> 1320  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 1320  
 ggtcagctgg aaggagcgtc tacaaaagaa tcttaatagt attccctata tcattaatga 60  
 agacaataat ccacaggat cagcagtagc tgtctttatt accaatagac agcattaataa 120  
 atgttgacat taccattctt gcagataacc tggatttata ttcattcaatt cattgaacta 180  
 atcaatttta aaattaaggc caggcgtggt ggctcacacc tgtaatccca ccactttggg 240  
 aggccgaggt gggcagatca cctgagttgg gagttctcga gaccagcctg gccaatatgg 300  
 cgaaatccca tc 312

<210> 1321  
 <211> 130  
 <212> DNA  
 <213> Homo sapiens

<400> 1321  
 ggtattacat cttgtaaagt ggcttttccg gtatagcttt taactgcttg tggattatat 60  
 atgtgaagga aagtctgatg gcatgatagg atgcttacta ttggagggtg catgttataa 120  
 tgctatctct 130

<210> 1322  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 1322  
 gagccctcct gggctaagcc caaaatttgg ggctcccctg caatggatca gaactgtgtt 60  
 ctgagagggc aatttggaac ccaactggca agtgaaaaat tttaacagtc tttacaaatg 120  
 ttagcacaaa gctttcatga tctgagtagg taatcttaac tcatttcacg tgccctctgca 180  
 gatgcaaatt ggatctcact tatttattta tttatatttt ttgagattga gtctggctct 240  
 gtcacccaga ctggagtgcg gaggcac 267

<210> 1323  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 1323  
 tacattgttc aggtcttctg tgttcttacc caggccccac tcaacctttg agctattcca 60  
 gtatgagagt gaattagacc tcccactatc acggctctac tgtcatttct catggcatta 120  
 gtcttaatat tttttatatg gtaattctat gttcaagact gtgaacatat tcagggtcca 180  
 agttattttg tggtcattaa aaattttact ttgaatcatt atgaatagtt cctagggtga 240  
 gcttcgggct ccctgacccc agagcagttt ccatttgacg gtgttgacca tattctctaa 300  
 cccgtcccat aaaattgatt ctactatttc ctgc 334

<210> 1324  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 1324  
 gaatcaacgg ggagtgggtt aaggccatta ctgagaggca cagagctacc actaatgaag 60  
 ggggtgcatg ggcatagaga agccttctga acaactcagc tttcaacatg tgcaagaatt 120  
 actttgacaa aaaaattaca attttctaata ttaaaaaaaa attactaagt tattgggctt 180  
 atctaggctc tagattgggg gatatgaaaa tcatttcaag taattatctc atagtatttc 240  
 atcccactga ctacaaggct acaagagaaa cctcccttgg gagaaaatga agaaaaatat 300  
 ttaataggga aacagactaa tt 322

<210> 1325  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1325  
 gcatcttcat tactgaaaat ctaatttgtt tctcaaaatc ttcgctggaa atattgaact 60  
 ggagcagaga attaaattag ctcaaattca aatgtgggtt gctgtcattc gagcaaaatt 120  
 ggtctctctc ctgaatttct acaacttccg gtccattatt ttgggtggact ttcctgagga 180  
 aagtggtaat ttgctgaaat caaaacataa taaaaatggc ccccatcttc taggatctta 240  
 agcaggtgga actgacttta ttcaaatecc agaggaaaga tgagacacag acttccgttc 300  
 tctgagctgg cca 313

<210> 1326  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(332)  
 <223> n = A,T,C or G

<400> 1326  
 ggatgggtag ctggataaat agatgagttg gaggtagatg tggggagaga aaanactcan 60  
 cggggacgga aagcacaggg aggaaaaatg gccaccagag ataacagagc agcctatgct 120  
 aattaatgat caactgtgtg tgggtttttt cttttccccc cctgtttatg ttccctccttg 180  
 ttccctccctt ctccctagct tttcttccat ctccctctcct aatttcatag tttcccatcc 240  
 catttttaaat ccccaactttt ttctccgctc cccaaatcct tctccactcc ttctcctttc 300  
 tctctctatc acttccctct ccccatctc cc 332

<210> 1327  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1327  
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttccctcgtga 60  
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gcttttggtga 120  
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180  
 ggcacagct ttatagtaat aatcgtagag catttattct gcacttccta tatgccaggc 240  
 tttttactct tttatgaaca acatctcact tgtcacagct tgaggctgta agttgaatta 300  
 tgtgttgctt actaaagata ctggaaatta 330

<210> 1328  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 1328  
 ttagtatgct ttggaaataa ataggatttt aacctccagg gaaaatcaaa ttgaaaaaga 60  
 aacttttgtc aataatttat tcaattcaat ttaactttct tctgccttta ccataatcaa 120  
 aattttctggg cactcaaaat tggaatctga taaggctaag aaaacaactt gactgatcac 180  
 acagcagaag tagctgtctt gaactttttc tcatgtactt attgtccaca tgtatgtctt 240  
 cttttgaaaa atgtttatat tctttgccca ctttttaatg gggntgtttg tttgtttctt 300  
 atatatttgn tgaagttcca aataggaaga a 331

<210> 1329  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 1329  
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttccctcgtga 60  
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gcttttggtga 120  
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180

ggcatcagct	ttatagtaat	aatcgtagag	cattttattct	gcacttccta	tatgccaggc	240
tttttactct	tttatgaaca	acatctcact	tgtcacagct	tgaggctgta	agttgaatta	300
tgtgttgctt	actaaagata	ctgggaaatn				330

<210> 1330  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1330						
tcatgaaata	aagcgtagaa	gtagtgcac	gaatttgctt	tgggcgcttg	ttttagtatt	60
ccagcatttt	gtttctattg	ctaactgatg	agaaatgctt	taaacacata	aacatgttct	120
gatgtgtatg	tgtgagactt	gcgtttccca	acgttgcata	aaataggcac	aaataagtgt	180
aaaatagtgt	aaaataactg	caaataagctt	tatcttacac	agaaagacag	gtgaacagct	240
cgtctttaat	cttaagcata	acatttgctt	tggtaatctt	ataaagattg	cttcttgcac	300
atttttaaag	aaaaaatgtg	aaat				324

<210> 1331  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 1331						
ggcttcttcc	ggccggggccg	agaggtgggt	acattcgctt	aaggacacca	gctgcggaat	60
ttgcggcttt	ggcagattga	aatcatggca	ggccagaaa	gtgatgcgca	ataccagttc	120
actggtatta	aaaaatat	caactctttt	cctctcacag	gt		162

<210> 1332  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = A,T,C or G

<400> 1332						
aaactatgcc	tatcttcaca	cacacacaca	cacacacgca	cgcacacaca	cgaacaccta	60
tttaggatgc	aggaaatatg	gaataagaaa	cttttaaagc	aagcacagaa	gaaaatataa	120
tttcaaataa	gggtcagttt	aagattgaat	tttgagagga	tgttgaaata	cacatgcaat	180
gaaactggaa	atagtaagtg	aaaagccaga	cacaaaggat	atttgggggg	tacataaatg	240
aaaattatta	caataaaaag	atatatggat	aagaattata	attaatggaa	catctatgcc	300
taanaaaaaa	aattaaaaac	ctaaaaagg				329

<210> 1333  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1333						
aagttgcctc	agaatgagac	acactctttg	acttcacatg	caacagaaag	gcacagtttt	60
atttcaaaca	aagcagtgtt	ttgctgtaac	accgttaaaa	actggaaagg	aaaactcaat	120
caaaccaaaa	actagatgct	taggaataaa	tggtagaatt	cttacaaaac	caccacgctt	180
caattcaatc	taaatcaatt	caacaaatct	gtgctgaaag	tataacattt	agttttctta	240
gacaccaaat	gaacaataca	aatccctca	agggacttag	aacattcaag	ttttctatat	300
ctgtggttct	aagtctgtta	ccaacttc				328

<210> 1334  
 <211> 195  
 <212> DNA  
 <213> Homo sapiens

<400> 1334  
 tcatgaagca taacatagaa ttgaatacct gtggagcaca aaacaaataa caaactatta 60  
 ttaatatcat tgaaataatt cctatgtttc ttccatgtct catgctgtca tctttcctgc 120  
 atcctcactc acagaaaacc atttgtacgt ataatttggg tatcttgctc ttctctttaa 180  
 taattttatt accca 195

<210> 1335  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 1335  
 tatggtatgg gagaaagaga gagaaagagg gcaacacgcg cacacacaca cacacacaca 60  
 cacacacaca caaacacaca cacacacccc cctgtgtgta acccagctga aaaagatctg 120  
 aatcagccag tgggttatgag agggacaaaa attgggggtat ggggggtgtca caggggactt 180  
 ttttttcttt ttctctcaca tctctgggtgg gaggaacttt tgccttttct ttagttgtgt 240  
 cttctatttt gttttctcag gaactggctc agcacagtat tttcttaaga taggttcttg 300  
 ctttgtcacc gaggctggag tgcannggcc 330

<210> 1336  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(308)  
 <223> n = A,T,C or G

<400> 1336  
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 gaatgagtct tggaaatact taggagaaga gaattccagg gcagcggaca agcaatgcag 120  
 aggcagaagc ataccaattt gtggaagtgt ttggagtga ccagagaaga gaagcagaaa 180  
 agaggtaatg ggggcagatc tcaaaagcct catagatcac tgtgttattc tacagaaatc 240  
 tatgaggaca taaatatatg agtacaaaaa tgttcttgca gcattgtttg taagcagcan 300  
 aaaattaa 308

<210> 1337  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

<400> 1337  
 agatacagcg agattccctt ctattgttta catgtcacgg atgaaaacaa aatacgtttag 60  
 tcacttttaa tcagttaaaa acattgaatc aaaacaatct tgttgctcag ttcaaactat 120  
 cttcttatcg attattgggt ttctctaat tataacacca caaaaaatag ctctctgag 180

tgaaatcata taatagaaaa tgacagataa tc

212

<210> 1338

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1338

gagaggaaca	gtgggcgcaa	ggaagtcagc	ttctcagagc	tcaagagtag	atctgagttt	60
aactcattaa	agatggcatg	gaagagcagt	gtcataatgc	aaatgggaag	atctcttctc	120
ttagtaattt	tatttctgcc	acgtgagatg	acaagttctg	ttttaactgt	gaatggtaaa	180
actgagaact	atatactgga	tactacacct	ggctcccaag	catctctgat	atgtgctgtt	240
caaaaccaca	ccagagagga	agaactgctc	tggtaccgac	aggaggggag	agtggatttg	300
aatctggaa	acaaaatcca	ttcccgcg				328

<210> 1339

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1339

cggggatgtg	ttgggactta	ccactcttat	actgccccgt	aaaaagggtc	ttgtttgcga	60
atcatgagat	gctattactt	tattcgctcc	catcataatg	tggaatacat	gagtttacta	120
caacaactgc	atattattcta	tggttcaggc	tcacatctat	gagtgcact	tcttctaggc	180
tgaagcagga	gaattgcttg	agcccatgaa	gcatagggtg	cagtgaagccg	agatcattcc	240
attgcgctcc	agtctggcga	cagaacaaga	ctctgtctca	gaaaaaaaaa	aaaaaaaaaa	300
attgcggggg	cggtttttat	ctaaatacca	cc			332

<210> 1340

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1340

aagtttgctg	gacaattacc	gtgtaaactg	catgaccctg	cagtacctaa	cactgcttcc	60
gtctctacag	tagccacggg	caccgcagcg	gcctcagagc	agaaggcaca	gggtactacc	120
agggaggcat	cgcagggcgt	caacaccgag	gacctgaggc	caccgccttg	agccacgccg	180
cgtgcaggag	cgggtcctgc	gcgttcggcc	ccgggaggcg	gcctgcagaa	accgtccaaa	240
gggctggcct	tggtgttcgg	gcacacctct	gactggggcc	cagtttcttg	agggcagggtg	300
tggggaaggc	ttgtccc					317

<210> 1341

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1341

taccaccctg	accagctgac	ttcacctgcc	atgtggaaaag	aagctgggaa	gagtggggag	60
ggtagacctg	ggaaggggac	acagaggaga	aaggcaggaa	cagagacaca	aagaaagaag	120
gagacagctg	cagagggcca	ggcacagtgg	ctcacaacta	tgatcccagt	actttgggag	180
gccgaggcgg	gcagatcacc	tgaggccagg	agttcaagac	cagcctggcc	aacatgggtga	240
aact						244

<210> 1342

<211> 333

<212> DNA

<213> Homo sapiens



<400> 1342  
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tgggatctgg tggctcagcc ctcccttctc cttaagggtgc ccataacaag tatacattga 120  
gtcaaaaaaa aaaaaaaaaa aaaaaacccg gggggggccc ccgggggaaa aactttaatt 180  
ttttttggaa accccctttt ttgggggggt ttggaaggcc cttttaaaaa cttttggggg 240  
ggccggggaa ctttttttaa cccaccctt tggggccccc cttttttttg gggtttccaa 300  
ctaaccacca atttgtggcc ccgggggtta aaa 333

<210> 1343  
<211> 327  
<212> DNA  
<213> Homo sapiens

<400> 1343  
gatgaagaaa gagcttcctg caattcaagg actgtacaaa gctgaaacgc agagattttc 60  
atattatttg ggagactcag aaatgagctt ttaagggtgt tccttgactt gcgggtcaat 120  
aagcgcacaa tgggtgaagaa aaggctgcct tctagtgaac cggtgttccg gtttgagact 180  
ccgggcagcc caaggaaggc cagcgtggag gcctcacgca gctccacaga cagccccagc 240  
tcggtgttcc tcagctcaga ggctgagaat ggtgtggagg agaaaaagaa agcctgcagg 300  
tcgccaacag cccaatcccc tacccca 327

<210> 1344  
<211> 325  
<212> DNA  
<213> Homo sapiens

<400> 1344  
gctcctcctc ctcccgcgcc ccccgctgcag ccacctgctg cacttgcgca ctgggagcga 60  
cacgctcggg cataagtagt gccggaaaagt tagctgccga gacctggtgg attgcttttc 120  
gtttatcagt gcaggaaaac agcgtatag tactgcgtca caactagcgc agactccggc 180  
agtattttaag cgggtgcggct tgggaactag aatccacttc ctgtcttccg cctcaggcta 240  
gagggcgagc gcttcgccgt gggacttctt ctgcctggct ccgcctcttg ccccggaagt 300  
actcacagcg gacggtggtt tttgg 325

<210> 1345  
<211> 325  
<212> DNA  
<213> Homo sapiens

<400> 1345  
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<210> 1346  
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<213> Homo sapiens

<400> 1346  
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gcttctactt	ccccaggata	acagaattgc	ccatttttcaa	cctcaggaga	gaggggggaaa	240
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<210> 1347  
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<210> 1348  
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<210> 1350  
 <211> 323  
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agaactcttg	gaatataata	tacagcagaa	gcagtctcaa	atgctggaga	tgcaagtggg	180
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ggatggttgct	gaactgaaga	gtgagcttgc	acaaactaaa	ttggaactag	aaacaacact	300
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<210> 1351  
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tgcttaatga	cacattagca	agg				323

<210> 1352  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens

<400> 1352						
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gtttttagaat	ccgataaagc	aagtccact	tcattagttt	tttttttctt	tatataatat	180
gccctagaca	ttcatttttt	catgtgaaaa	aatgaaatgc	agaattttta	taaaattcta	240
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ata						303

<210> 1353  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 1353						
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gctctttgta	ataccagga	catgcctttc	acacaaatcc	cttcggaata	tccttcatt	180
tgaatctcac	aaccaccaag	agggacagaa	gacaaatact	actgcctaca	ttttgtgcat	240
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<210> 1354  
 <211> 309  
 <212> DNA  
 <213> Homo sapiens

<400> 1354						
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catgagccac	cgtgctcagg	cttcccacaa	taattttttac	tttgacacat	acagacttca	180
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ctcacgcct						309

<210> 1355  
 <211> 293  
 <212> DNA

<213> Homo sapiens

<400> 1355

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caggcaatgg	ttataattaa	aatgatatgc	tggtgagaag	ccactcttaa	gagtcagtt	180
tgttttaatg	ttatgggcag	ctaccaatgt	ggggcgcttc	tgtatatttt	tggaagatt	240
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<210> 1356

<211> 308

<212> DNA

<213> Homo sapiens

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<222> (1)...(308)

<223> n = A,T,C or G

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aataaagtct	gattaataag	ctatgtcaca	gagtagtgaa	ttttccgaat	gagtggtgat	180
tatgatgtta	cagagaaaaa	ttataactcat	gttaaccaga	ttgttgtaag	tagtgcaagt	240
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aaataatn						308

<210> 1357

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1357

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caagaacatc	aaaaataaag	aggactttta	caagtgaata	atgcagtaat	caaaaatgaa	180
ctcaaaagag	agattaaata	gattagacac	aactgaagag	aaacttagta	agtgagaagc	240
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<210> 1358

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1358

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cacttttatt	ttctttttaga	acctgacctc	gttaactggg	gactgctact	aatgtcaaag	180
ttatccgatt	tttgataaag	ctagcgggtc	ctgccatttc	atttagagtt	tattccgcat	240
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<210> 1359

<211> 303

<212> DNA

<213> Homo sapiens

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 cagcttggcc catggactat tcagttttaa cttctgcttt aaaggatgac gctcaattgg 180  
 cagttcatac atacatatat atatatatgc gcataaaatt cacagacctt tgggtttacac 240  
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 aagatgg 307

<210> 1361  
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 actcagaagc ctgactgctt tgtctctacc ttgtcttctt ggcttctgta atcatttttc 180  
 ccctttttta acctttttact ttgaataaatt caaattttata gaaaagttgc aataactggc 240  
 caggtacaga ggctcatgct tgtaatccca gcactttg 278

<210> 1362  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<400> 1362  
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 tgctacttaa tagaaaatgc tttattgaca tttatgttct ttacctaatt atgtggattt 120  
 aatgatggc tgtcatcttc attagaactg actgtcgaaa gagtaccag aatgacaata 180  
 ccgaaaccg gtctcatttt aattgggcaa accgagaaac ataacattgg gctgaacatt 240  
 tcaccaattt gactaccac 259

<210> 1363  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<400> 1363  
 ggcacgagct caggtaaaac atggccttttt gctttttgag taagtggaaa agaaagatgc 60  
 gtgctgaaaa gagaataaag aatgccccaa aggaggccag caggcttaaa agtattctca 120  
 aactagacgg tgatgtttta atgaaagatg ttcaagagat agcaactgtg gtggtaccca 180  
 aacccatata ttgccaagag aaaatgcaat gtgaggtaaa agatgaaaaa gatgacatga 240  
 aatggagac tgatattaag agaaacaaaa agactcttct agaccagcat ggacagtacc 300

caatatggat	gaaccaaagg	caaagaaaaa	ggctgaaggc	aaagcgagag	ataagaaaagg	360
ggaaaagcac	agcaaaaagca	gtgaaaagtgg	caaggggttt	ggcctgggtat	actcg	415

<210> 1364  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 1364						
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gaattatttta	atttacagta	ttttgataac	ttcaaagctg	gtaaaatgaa	attagagcta	120
tctgcttggtg	ctcagaaatc	aattctcatc	aaataatatg	aaattatggt	atctaaaagc	180
atttacccta	ttaagtgaca	gacaaatgag	aagtaaggag	acttaataca	ctgtttgcct	240
attgatgaca	ctggccacaa	acatcccact	ctttacaagc	agtaacaggg	aagggagtct	300
tttgaaaaaa	caatttgngc	cgggcatggt	ggctcacgcc	tgtaatccta	acacttttgg	360
aggccgaggc	gggccgaaca	cgaagt				386

<210> 1365  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 1365						
tttataagta	tacctggaca	gaagaaatac	aagataccgt	tctattaact	caatatagtg	60
ttgctaagtt	cgtacttggtg	cttggtttat	tttattttat	aaatagggtat	cactcgcgtg	120
gttccaaatg	cggtaggcac	agagagtata	tatgatggaa	ttacatcctc	cttccctgca	180
ctcagcaacc	gagatcatcc	cgctacgggc	actcaaaggt	ttcattgtct	gaaatattag	240
cctaaacgta	gtttatgttt	aggaagcaac	aaccgtaaat	aggccacat	ccaaacggag	300
tggatttagg	tttcactttt	tcaaggaaaa	accatcaaag	aattttttcca	catacttata	360
aaccatccca	cgtataga					378

<210> 1366  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 1366						
ataactaact	tcttttggtc	ttccacacatt	taataacctc	tcgatcagag	ccttttctttt	60
tttatgtact	caaaaataat	agaaatgccca	tttttaatat	ttaccaataa	cctattttaac	120
ttagtaagga	actgcttccc	ctgggggtta	gaaatttgta	cacagccttc	tggatacaaa	180
taatctttat	ttaattaatt	aattttatttg	ttttttgaga	tggagtcttg	ctctgttgcc	240
caggctggag	tgcagtggct	cgatctcgac	tcaactgccat	ctcgccacct	gggttcagggt	300
aaaaaattct	cctgtctcag	cttcccaggt	agctgggact	acaggtgcat	gccaccatgc	360
ccaactaatt	tttgtatg					378

<210> 1367  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1) ... (395)  
 <223> n = A,T,C or G

<400> 1367  
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 cgtatccttt aaaaaacaat tattttaata tatattataa ttgtacatat tttcggtgtg 120  
 catatggtga aagtcattgg agtggaagat agcaaggagc ttggaaattg aaaaggaatt 180  
 cagaagttgt tgatgaactc tgaagttatc agcatggatg gttgaatggc atcatagaca 240  
 actatctaga gagacagtac ttgctttact tttggaaatc agtgtgctgg cattaaaact 300  
 cagggacttg aaaatgatgg acacagccaa agaatatagt atggtgcctg ggggtgtangg 360  
 agtggaggga gatattcatg cattctgtaa tctgg 395

<210> 1368  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1368  
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 ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaaatg 120  
 gagcaagggt ctcttctctg ggcacagctc ggaatgtag tgggtgcaatc tcgactcact 180  
 gcaacctccg cctcccggat tcaagagatt ctctgcctc agcctcccaa gtagctggga 240  
 ttacacgtac gcaccaccat gcccggaata tttttgtatt tttagtagag atagggtttc 300  
 aacatattgg ccaggctggg ctcaaaactc tgacctcaag tgatctgccc gcctcagcct 360  
 cccaaaatgc tgggattata ggcgtgaacc atc 393

<210> 1369  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1369  
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 ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaaatg 120  
 gagcaagggt ctcttctctg ggcacagctc ggaatgtag tgggtgcaatc tcgactcact 180  
 gcaacctccg cctcccggat tcaagagatt ctctgcctc agcctcccaa gtagctggga 240  
 ttacacgtac gcaccaccat gcccggaata tttttgtatt tttagtagag atagggtttc 300  
 aacatattgg ccaggctggg ctcaaaactc tgacctcaag tgatctgccc gcctcagcct 360  
 cccaaaatgc tgggattata ggcgtgaa 388

<210> 1370  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 1370  
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 tctccacttc ccaaagttct gggagtacaa gcgtgatcca ccatgcccgg ctgaggctag 120  
 gatttttaatt atattccaac atttcttact ctcttcatta ttactcccca aacagccttt 180  
 ttaggcattt tctctctagg ttctgacctg gaaaatttac tactacagat tattgtatgt 240  
 ctgtatgtat gtaatgtatg tatctgtgct ttatacataa aatgattact tttgcccttc 300  
 ctctgccccg gctcttactc ccattagcgg ggggttgctt ccattaacaa agatagctgg 360  
 gcctgg 366

<210> 1371  
 <211> 390  
 <212> DNA

<213> Homo sapiens

<400> 1371

ctttggaaga	atgcctaaaa	agacgaaagt	tggcaaagca	gcctgaaaca	gtttctgttg	60
ctgaactcaa	aagtctgtta	gtactcacia	ggaaacactt	tttagattat	tttgatgctg	120
tgattcctaa	aatgattcta	agaaagatgg	acaaaattaa	aaccttcaat	atattaaatg	180
atthtagtcc	agcggaaact	aattcctcaa	gtctaattga	aaccaatcct	ctggaatggc	240
cagaaaggca	tgthcttcaa	aatttggaia	ctthtgaaaa	aactaaacia	aaaatgagaa	300
ctgggtcatt	acctcattca	tctgaacagt	tgctgggcca	caaagaggga	cctcggggact	360
caatcacatt	gttgatgct	aaagaattgg				390

<210> 1372

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1372

ggcagagggg	caggaggcca	gatttggtcc	tcaggctgta	atttcttggc	cccttgtcta	60
gggagaggta	aacgagggga	ggagagatca	gtcaaggatg	acgtgagggt	ttgctgggag	120
caccaggaat	cctggagaag	gtagtggcaa	gagggtgcag	caagctcagc	tgggcggggga	180
tcaagtctga	ggacttaatg	tctcctctga	tctccagacc	cataaggggag	atgctgagta	240
gacaactggg	gcttatgggt	ctggagttca	gaggagagat	cgggaagggt	tccatttgga	300
gtcatccacg	cagagatgtg	tgaaggctgc	tcaatgattt	tgaggtttaa	agaaaaaaag	360
agatgtgaaa	ccagggggccc	tgatgaggct	g			391

<210> 1373

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1373

cgggtgctgtc	caacacatat	tgtctggttt	ttaacaggag	tgatacagaa	tggcaaagct	60
tgatccatat	agtaagagaa	tacaattatt	gtcgagtttt	aacaggagtg	atacagaata	120
gcagaggggc	ctgctgatga	attgaagggg	atccaataaa	gagattactg	gaataataaa	180
gatgatcagg	acttacacta	aaatatttgt	gataaggata	gagaaaaagt	gttaatgtat	240
tgggggaaat	cacaggatat	atcagctgaa	tgcttatgtg	aaatgagaat	gatgaaaagt	300
acttaaatgg	agagatggca	tcggccactg	tattactctg	tgctcacatt	gctataaaga	360
aatacctgag	actgggtagt	ttataa				386

<210> 1374

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1374

cgthgtgtgtc	gcacacacac	acttacacaa	tggaaatata	atatatatgg	tgaactcatt	60
tacaatacgc	gattaccagt	tttccatgtt	agthttttcta	cccttacctg	atcattttta	120
cgactactta	aaattttctt	gctggatcaa	caatatttta	tctacatcct	atcaatggct	180
cacttttagg	tagcttccca	tatttttact	cttacaaatg	aacattatgg	aggaacacct	240
ttgagcatat	acctttctac	acttgthcaa	gtthttctctc	tctctccccc	cctthttttt	300
tttcacctgc	agacacaggg	caaccaagtt	gtcgtcttca	aattaatttc	tcagagtcta	360
ctctctggat	aataggggtg	agt				383

<210> 1375

<211> 385

<212> DNA

<213> Homo sapiens



<400> 1375  
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agctccccta cttcatccgg ccagctgtcc ccaagagaga tgtggagcgt tattcagaca 120  
aatatcagat gtcagggtccg attgacaatg ccatcgattg gaaccctgat tggcggcgctc 180  
taccgccgga gctaaagatc cgagtgcgga agctacagaa ggaacggatt acaattctgc 240  
tccccaagag gccccctaag accacagaag ataaggagga aacaatacag aaactagaga 300  
ccctggagaa gaaggaagaa gaagtaactt cagaggagga tgaggagaaa gaagaagaag 360  
aagagaagga agaggaggaa gaaaa 385

<210> 1376  
<211> 380  
<212> DNA  
<213> Homo sapiens

<400> 1376  
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tagtcttcaa ccctgagtaa tgggggtgttc atagaactct aatgggggtga taagatatatt 120  
tatagaagta gaatcttgat ctgacctctc cttctaattg ggaacgtcta tggtctaact 180  
agcagaaatt cctcaaagtt tctggcatat ggaaaatttt cctctatatt ttattccttt 240  
gatcatttca atgtgaattt agaatgaggc aatttagaag cctgtcctcg caaagccatt 300  
ttatttataaa accacaaaat aacacttttt ttctgtgtga agaaggtag aaaaaaatg 360  
ctcaagactc ataattatat 380

<210> 1377  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 1377  
cggttgctgtc gctgggactt gttaggcatt aacatatatt agtcaaacga gtgactcctt 60  
acaaatataa attcttttag gtgacatggg aagtaaatat ggttttaatt gtagcaccac 120  
ctacagggct gttatgcaga aaagagtagc taataggctg gaccctagaa gttgtactgt 180  
ttctgggtggc acaaagaatt tctttccaag gttctgatga ctctttttta ttcctaataa 240  
gttcttaaat ggttatgttc atagcttgag gttcaggctg cacaagaag ttactttcat 300  
ggatacagtt agaacttcta ctatgggcta taataataaa ttttgcacca taacctactg 360  
gcagggctt 369

<210> 1378  
<211> 342  
<212> DNA  
<213> Homo sapiens

<400> 1378  
gcaggtaatg agactgcaga aaggctgaag gtagattagg ataagatcaa tgaaaggctt 60  
ttataaagca gttttgaatt gtcctttaga aaataagaag ccataaaatt ttatttttta 120  
ttttcaaaaa gatatttcta acccatatta gaaatggatt agaaatagat aacatataac 180  
atltggagaa gatagaagag ttagggccta taggaatagt tcaagcaaaa atcatcttat 240  
cttaattttg gatactttct aattacttcc tatcttgaat aattagataa cattaatcat 300  
agtggacaca tgcatacata tgtttattgc agcactgttc ac 342

<210> 1379  
<211> 362  
<212> DNA  
<213> Homo sapiens

<400> 1379

cgttgctgtc	gccacacag	ggcacagacc	ccacgcaccc	cacacggggc	aggcagctca	60
cacagggcac	agacccccacg	cacccccacac	agggcacaga	ccccacgcac	cccacacagg	120
gcacagaccc	cacacacccc	acacagggca	ggcacctcac	acagggcaca	gaccccatgc	180
atccccacaca	gggcaggcac	cccacacagg	gcacagaccc	cacacacccc	acacagggca	240
ggcacccccac	acaggggcaca	gacccccacgc	acccccacaca	gggcagggat	cccacgcagg	300
gcacagatcc	cacgcagggc	agggccagcc	caaggccagg	cccctcccct	gtagatatcc	360
tg						362

<210> 1380

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1380

gatgtgtgat	aacacatgca	accacgcctc	acctcacctg	agactggtgg	cccagagttt	60
ttcttaatgg	ccatcacata	cgcatacagt	gcctgcatgg	ctgacctcag	ttactgaagc	120
tgcagccaga	gagggaaactt	aggtcttcac	tgtaaatcac	attgttagga	taaactaaat	180
ggaaaaacta	aatgaagtac	agtatagctg	aagacctccc	agcaggcaaa	atgctcttat	240
cagtcagaat	gtttcaaggg	ctcagttcca	aggagccagc	caaggggccag	tcatgaaaac	300
ccccattcat	tggtaatg					318

<210> 1381

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1381

tctgggggaat	aaaaagcact	aatggacagg	agatggggttt	tgcaaaccat	gaaaggccat	60
gtgcagctga	gctgggatta	tcactggagc	ctggcacttc	gccttcacat	gtgggttccct	120
ctgtgtcagt	gaaaccacag	ccactagacg	gggagcaact	caagggtggg	cccgggggtga	180
ggagctggag	cctgagcccc	cagtggagaa	gtgagtgggg	gtctccagct	aggaaggaaa	240
gggtgggagg	tggagagcag	ccccaggggg	cagtcactaa	gccccatgca	gggcagaatg	300
ccaggaacac	aggctcca					318

<210> 1382

<211> 311

<212> DNA

<213> Homo sapiens

<400> 1382

ggtactcaca	agttaacaaa	cttcaaaatg	ctatttgaaa	gggaaactaa	taacattaaa	60
aagaggtcac	agtactgttt	gaaaatctac	aaaggagtca	tgatctttgt	tcaaggaagt	120
aaaatattaa	ggaaatttgt	gttagttgag	ttcttgactg	aacatgtgct	atgaatttct	180
gattgtggaa	gctgcttcct	attcgaaaat	aaaataaaac	tctcttggtg	tgcaaatgat	240
aagaatatgt	tttggtatct	aacaatatct	aaaagcaaac	tctctgcaaa	gtatcccaga	300
atggtttact	t					311

<210> 1383

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1383

attgttatcc	gaaatagaga	aataactcct	gttaatcaag	aaaaagacag	aaacttcaat	60
gggaaaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct	120
aaacagtata	caaagaaact	tcatatttat	aattatacaa	atgcaaatca	aggcagtgag	180
tcattactct	tatcagaaaag	actctaattt	aaaaggataa	acacaacaat	tattagaaaa	240

tgtgcatagt	gttaactttc	actcacttgt	agtgaagaat	agtctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcataatac	ggtagatgat	gataaggaat	atgggtattgc	360
ttgtggtgac	agtcatttgg	tggcactctc	atgattgggtg	gcaat		405

<210> 1384  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens

<400> 1384						
aagctacttc	atagagctga	cattctaggg	agaagataga	catggcagat	ttaattatac	60
acatatcttt	ttcactgtat	tagatttttt	cagattataa	aattatagta	ataaaaatagc	120
aatatcaaatt	attactgaaa	tacataacat	aggaaaaaat	atgccctgtc	aattcatcct	180
ccctccccag	acgtagccac	tgtcaaccag	tttgtgcacg	tttttgtaac	ttttaaaaaat	240
atacatgcaa	tgtattttta	aagcataaaa	ggggaatcat	acacgtctga	attttgtttt	300
ttagcttcat	atatctggga	tatcctctca	catgaacaca	aggaaatcta	cctcattctt	360
tttaaatgtct	gaataaatatt	tcattgctatg	gatgtattat	agttttatttg	actaatatct	420
tgttg						425

<210> 1385  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1385						
agaatactag	gtattaagta	aatattgttt	gagtagataa	aagacattag	tgtaagcaa	60
taaccctaca	ttcttaaaaa	agagagagtt	ttattaaatt	gctaggaact	taaaattttt	120
ggatctcaca	ttccaaatgc	ataacacaag	attttgcttt	cagtgtgtat	caactcaaat	180
taagctagta	acaggtaaac	tagctatgtt	ccctattctt	atttcttgga	tatgaggaga	240
ggaaacacat	gcagcaggaa	agaaaaaggt	gactaacaat	tactaaattt	cgagagtaaa	300
ttggattgtt	ttgctctgtg	caactataaa	atgggtgatta	acaaacaggt	gctaaatgtt	360
aatgaagtat	atgagattaa	aaataaac				388

<210> 1386  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(388)  
 <223> n = A,T,C or G

<400> 1386						
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aaaacctttt	tttacagctt	attgaattct	ctggtttttt	tctaaccagg	taatatattg	180
agttgcacct	aaaaaactaa	ggtttcttaa	tctaattggc	ttaaattaat	cctttaagcc	240
aaattcacca	tttttttggt	aacctttttg	ccaaaggcca	ggtttttcaa	agaagggaaa	300
aacccacccc	ttgaaccctc	atcattggcg	gttttcggcg	ccaaacccat	attatccttg	360
tgtttaagaa	ccaggaccat	tatttccn				388

<210> 1387  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 1387  
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tttttgattg tttgtgtgta tgggtgtgtc tgtctctctg accagatttc aggttcctga 120  
ggcgagcctg cagctcatac tgctcatctg tcctctcctg tgggtgggtgc tcagggcctc 180  
tactgttag ttactccctc ctttctgccc agttctgcac tcaactagta gaagcagcca 240  
tcctttcccc aagcaggaaa tagtagtggc cgcccttaag agcagtgtga gggcagaaga 300  
ttaagggagg ggaagagtcc ctggaactgg aagaaggtaa atactttgcc ttgagagggc 360  
gccgaatcat ttaccacaa tagtaaatgg aaaaagtgtc aaagggtggg actacgttta 420  
g 421

<210> 1388  
<211> 415  
<212> DNA  
<213> Homo sapiens

<400> 1388  
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cactaactac gttgttaaat gccccaaaat taccatgatt tccatcatag ttaagtact 120  
cagtttcatt attgttgggc tcaaattcag agatgaatag gaatgatgga taggatttat 180  
ttaagtatat atcttaggta tacattttatt tagtgcgggc tgattaatgt gaaagtttaag 240  
gtataaaacc tagagacaac tttcagggaa aaaaaaaga tctcttatta aatgttttag 300  
aagtagggat tcccattcta tattgaaaat aacataattt caccacttgg ttattataat 360  
tttttggggt tgggtgaaca tttattaaaa caaatgtgtg tggctctgaca aaaag 415

<210> 1389  
<211> 417  
<212> DNA  
<213> Homo sapiens

<400> 1389  
ggcacgaggg acagcgaagc caaagaggac ccctcaaacc caacaagagc tgtgaggctc 60  
cctgattcct cgccagtgtt gctaccgccc ttggctcttc ttgcatggct ggctcttgag 120  
acccctggaa gctgatggag gcaacgtgag aagcacatgg acatccgacc ttgagcttga 180  
gaggcagagg cctgagttct agttacagcc ccagcagtac cagttgtgtg gactgggagg 240  
gaggetatca cgtacatact ccaagcctcc aagcctgttt ccccttctga cacaggatct 300  
tttgtggctg gtatagagtg ggcactcaat aaatgctgtc tgtcgtctgg ctggatgcct 360  
catgggcctg agaattgaat agaattacag tgatagaagc atgctgggtat tgaagtg 417

<210> 1390  
<211> 203  
<212> DNA  
<213> Homo sapiens

<400> 1390  
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aaaatttaag ggggcgggtt tttttggggg cccaagatg ggaatatcct ttgggggggt 120  
ggggcccacc cccaactga ggggtggggaa aaaaagggtt ttttttgaaa attcgggggg 180  
cttctgggtt gttttgacct att 203

<210> 1391  
<211> 411  
<212> DNA  
<213> Homo sapiens

<400> 1391  
cgttgctgtc gaaaaaagaa ccccggtgtg tgtaaataca ggaaaaatgt tgggtaacag 60  
actatgactt gactttgtgc ttatatcatg attgtattta attttattat aagttgggta 120

aatatttgag	actttgggga	aattaaactt	gtcaagctgt	caacttatca	gtttggattt	180
atggtttcct	atttcatttt	gtagatattg	aaaatacatg	tcaatatctg	tgtatttcac	240
gtcaaggaag	ctgtgtattg	gtatcaggat	tgagggaata	catgatcaac	aaatactttt	300
ccaagtttca	gtgtcacaga	ttgcatatgg	catgataata	catcacattc	atttcctca	360
agtttgtttt	tttttttgac	agggagttaa	caaaaaatgt	gcaaattggcc	a	411

<210> 1392

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1392

attcacccat	ccacccatct	actcatccat	ccatccaacc	atgcatccat	ccatccaccc	60
atccacccat	tcacccatcc	atccacccaa	ccaaccatcc	accttttcat	ctatccaccc	120
acttgtccac	ccacccattc	ctccattcat	cattcaaccc	tctcttccca	ccatcactgt	180
ttcatccatg	aagattttata	aagaagtgtg	acatttggag	tttataaac	agtatttgag	240
acctaattct	aattctttcc	gcctgtgcaa	tcttggacaa	atagttaaaa	ctatctacat	300
tttttgttta	ttctttggca	aaatgggaga	gagtgtttat	ctttacatta	tgaaactact	360
atgagaaaga	gatgattcag	ctg				383

<210> 1393

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (407)

<223> n = A,T,C or G

<400> 1393

gattcgaatt	ccgttgctgt	cgagcagcca	ccagagattg	tcataaaaa	tgaaaagtca	60
aagaaaaata	agaagaaatc	atagtcagat	gctaaagcag	tgcaaaacag	ttcacgccat	120
gatggaaagg	aagttgatga	aggagcctgg	gaaactaaaa	ttagtcacag	agagaaacga	180
cagcagcgta	aacgtgataa	ggtgctgact	gattctgggt	cattggattc	aactatccct	240
gggatagaaa	ataccatcac	agttaccacc	gagcaactta	caaccgcac	atttcctggt	300
ggttccaaga	agaataaagg	tgattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	360
ggaaaaggag	attctacact	tcaggtttct	tcaggattga	atgaaan		407

<210> 1394

<211> 237

<212> DNA

<213> Homo sapiens

<400> 1394

atttacgtgc	catgatttta	ttccaaccaa	aaagatatatt	ggaaaatatt	taagaattat	60
tgctgattat	tgaaatctag	aacactaata	ccagtgaata	ttttgtatac	cctaatactt	120
ctctgatcac	ttacaagcca	ataattagcc	attcacgata	cagaagacag	acagggtaga	180
tgtggggggg	cggttttttg	ggtaattccg	gaaagagaga	aaactttggg	agggtga	237

<210> 1395

<211> 376

<212> DNA

<213> Homo sapiens

<400> 1395

ctccatatat	atatatcaat	acatttttcta	agggttgaaa	ctaagttttc	actgacattt	60
------------	------------	-------------	------------	------------	------------	----

atataaataa	cctaaaaatct	tggcactagg	attattttaca	aaggtaaaac	ctgaattaca	120
aatattttggc	aaggagaaaa	ttatacttttc	tgtcttttctt	cccaaataca	aatcatcttc	180
tatggggcgg	catccccacc	tcagctgtgt	gaacgggtggc	cccagaaaaa	ataagggtcaa	240
aaaaaattaa	aaaaaaataa	tcttctggcc	gggagcaatg	gctcaatgcc	tgtaatccca	300
gcactttggg	aggctgaggc	gggcggatta	cctgaggtca	ggagtttgag	accagtctgg	360
ccaacatggg	gaaacc					376

<210> 1396

<211> 158

<212> DNA

<213> Homo sapiens

<400> 1396

tttttattat	ctccttttcta	ctttttttggc	ttacttttttg	ttcttttttct	caccttctctg	60
cttgatgat	taattaattt	ttattaattc	tttttagtct	attttttttc	agtgattaag	120
gccatgaatt	tttctgtgtg	caaactatat	cctgagac			158

<210> 1397

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1397

ggcacgagag	gaggcaagtc	aatcttttttt	atttccttat	aaaattaact	cttcaaaagc	60
tgttaaacag	agagttatct	taattttttat	tgcagtagga	ggaaatata	ttaaaatatt	120
tgtagattta	tagcaaatag	agactcggtta	tttaaagggt	aaataacaat	ttgttctttt	180
gttggtttttg	ccagtttagg	gcagtagctg	cttttggtcat	aaatatcttc	ctaccacatc	240
aaaaatgctg	cttttaaaat	ttttggtttat	aaattgagaa	ggaattttct	ctctataagt	300
ttctgtcatt	gaacagatca	ccattaaaaa	gaatattaga	atccagcatg	aagataatgg	360
ctaataaaaa	tgaggtacat	actttataaa	accattaatc	agattt		406

<210> 1398

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1398

accaccacgc	ttcaattcaa	tctaaatcaa	ttcaacaaat	ctgtgctgaa	agtataacat	60
ttagttttct	tagacaccaa	atgaacaata	caaaatccct	caagggactt	agaacattca	120
agttttctat	atctgtggtt	ctaagtctgt	taccaacttc	caggactctg	cttctttccc	180
tctgccatt	aacaatgcgg	tgttaaaagt	gacttcctac	cactatgttt	cttacagctg	240
attcaaccac	tcatctcata	gccaggcatg	aaagaaagga	gcatacccct	aaccgagaac	300
tatttttttag	atggtagtca	tatatattat	tcatatttag	taagtattat	ttcagggtctt	360
attaattaaa	ggaa					374

<210> 1399

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1399

cgttgctgtc	ggccaattca	gggtctcaag	aaagaacagc	ccacaggatt	gacactgaac	60
cttaacaaaag	ttaacaggac	caagctgcag	agaggggtgct	aggacagcga	agccaaagag	120
gaccctcaa	acccaacaag	agctgtgcgg	ctccctgatt	cctcgccagt	gttgctaccg	180
cccttggtc	ttcttgcatg	gctggctctt	gagaccctcg	gaagctgatg	gaggcaacgt	240
gagaagcaca	tggacatccg	accttgagct	tgagaggcag	aggcctgagt	tctagttaca	300
gccccagcag	taccagttgt	gtggactggg	agggagggcta	tcacgtacat	actccaagcc	360

tccaagcctg tttcccccctc tgacacagga tcttttgtgg ct

402

<210> 1400

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1400

ggcacgagcc	ttcgctaccc	tgtctgcacg	tcccagcacc	caggtaccca	gcacaggtct	60
ggcgagaggg	tagagatggt	ggacctcagc	cagaagtggg	ccccactgca	gccacactt	120
ctctttacag	ccgaggccag	actcttgggg	tgaggacaac	tgggagggcc	tcgagactga	180
cagtcgtaag	tgcttcccct	gggtgggctg	aagactaggg	ctccccgact	agcccgcccc	240
tacaggcccc	cggcaggcac	tggctggaga	gctgagaccg	gggctcccct	tcctgacgcc	300
aggacaggtc	aaggctgagc	tggcccggaa	gaagcgcgag	gagcggcggc	gggagatgga	360
ggccaaacgc	gccgagagga	aagtgggcaa	gggcccag			399

<210> 1401

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1401

catcattcgc	gcggccgcga	attcttccga	cagcaacggt	tccttactaa	aagaaataat	60
caggaataaa	aaaaagaaat	aacattgttg	gggagaagag	aagggaatta	acatttataa	120
tacttttctt	gcttatttct	agtgttttca	aatttcctgt	ggagagcaaa	atacttctac	180
attaaaaaag	cttttattgt	ctttgttgaa	aataagatac	aagaagtaga	ctttaatttg	240
aaaaaatata	atgtagttaa	ttagattaaa	atgtttatgt	atgaggaaaa	tagggcccagc	300
atggtggctc	atgcctgtaa	tcataacgct	ttgggaggcc	aaggcaagag	gattgcctga	360
gcccaggagt	tcaagaccag	tctaggcaat	gtggcaaaat	cct		403

<210> 1402

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1402

aggagacaag	ggtacagact	gtgagtctag	tcagaagtga	tgcacatggc	tcagtggatt	60
taggcaagtc	atttcagtg	ttgtacaatg	ggaatagtaa	tataatacat	acttctgaga	120
attatataaa	aaatgtatgt	aagataacctg	tgatcatttc	tctttacccc	taactatact	180
ataagtttct	gagagagagg	gaaaaaaaaa	cataccttat	acatatcttt	atattcctat	240
tggggcttaa	atactttgca	cagtgtgtga	ttaataaata	catgtgcata	agtgtgaagca	300
tgtgtcagca	tgtgtgtgtc	agcatgtaag	tgtgtgtgtg	ttcagaagat	ttaggtgtct	360
tagaatagag	ctgataa					377

<210> 1403

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1403

cgttgctgtc	gtagcgcgcg	aggccctcgg	tcggacggga	cgctcgggat	tcagggactg	60
cctcggcaca	cgggaagtgt	ccctacaggc	gcgggagaaa	gcgcaggcgg	cggcttagca	120
gggagaggca	ggctgcagtg	cacattgggt	caggcacacg	cgaggggcag	cccccgaggg	180
ccgtcccaga	gtcccccgcg	ccgcgggggt	cctaacgggg	tgcaccgtct	tccgccgcac	240
gtggattcag	cgcgatgcc	aaatccaagc	gcgacaagaa	agtctcctta	acaaaaactg	300
ccaagaaagg	cttggaattg	aaacaaaacc	tgatagaaga	gcttcggaaa	tgtgtggaca	360
cctacaagta	ccttttcatc	ttctctgtgg	ccaacatgag	ga		402

<210> 1404  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 1404  
 ggcacgagcc tcttcgaagc ccatgttatt gaccgactga agctgctggt gctgtacagg 60  
 ggagaggatg atgagctgct acagcgggca gctgccgggg gcttggccat gcttacctcc 120  
 atgcggccca cgctctgcag ccgcattccc caagtgacca cacactggct ggagatcctg 180  
 caggccctgc ttctgagctc caaccaggag ctgcagcacc ggggtgctgt ggtggtgctg 240  
 aacatggttg aggcctcgag ggagattgcc agcaccctga aggagagcga gatgatggag 300  
 atcttgtcag tgctagctaa aggtgaccac agccctggtc caagggctgc tgcagcctgc 360  
 ctggacaaag cagaggaata tgggcttatt caaccacccc aagaag 406

<210> 1405  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 1405  
 gcaacaccct tctgatgaca tttcccatta acctcagaac ctattgcaag agtatatacc 60  
 tctgttaaag aagcagaata tcaaccaaag agcaataaag gaagattagg ttgaaaaagt 120  
 gcacatcagc ctcccttgga actctgaaat gtagatttta tggaaaaaat aacagctatt 180  
 tttaaaaaaa taatttttgt ttcgagcaag taaaaaatat ttatctctta gtatattaaa 240  
 ttacagattg aatatggcat ggtagtctg tgaattctca cagtattata agtttatgaa 300  
 atagactctt ctcaagaatt aaaatagaag ttctatgggc caggcaaggg ggctcacccc 360  
 tgg 363

<210> 1406  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(370)  
 <223> n = A,T,C or G

<400> 1406  
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 atgggtctgt atctctctgt gcttatgcag ccatattgtc aaaaaatata tatgctgtct 120  
 ctaatttatg catcatatat tttttaaatt atcgtagtta attttgtacc taagaagtaa 180  
 acctaactcg taagtttaaa agacaacagc aaaggagatc ttttaaatat tcattttact 240  
 ggaactttat tgatcatttg acatttttgc agatttcctc cttgaaatcc ttttatttaa 300  
 atgatattaa ttattggctt ctttttgatt gctttntaat gacttttagat tatattctta 360  
 agaactttta 370

<210> 1407  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1407  
 cattggttct accaagcata agcaaatcaa acaactcatt gagagaatgt catcagccaa 60  
 taaaataaga aactgctccc aggccttgaa tcagcttatt aaaattgacc tctgggacta 120  
 gcttctccta atacataaaa ttataaaaaa gacttagaca cagaacctca agtctgttct 180



accaggaaat	tttacacaag	tattccagaa	atcaaccaat	cattctaacc	cattagtggg	240
attcagtaag	attgaaagta	ttcaataaaa	tcagaacaaa	atgtctcata	caagatttcc	300
tggcagggca	tggtgg					316

<210> 1408  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = A,T,C or G

<400> 1408						
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gataaaaatt	tgatcacaca	aaattaataa	tatttgtacc	atcaaattgt	cttactttcta	120
ataacagaaa	gaagtgtctt	ttgaattact	agaatacttt	tatttttgag	cgcttaaaaa	180
ttttttcaac	atttatactg	aacgcttcat	ttgcttattg	cattgcatca	gctaaaaatct	240
ccaaaaatat	tgttgaataa	tactgaggat	ggcagatatc	aatctttttc	tgacagcaat	300
gaaaattcgg	attgcattat	aaactatgtt	tgctcctagt	tntgcggcaa	aatgtattta	360
tcaatttttc						369

<210> 1409  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 1409						
cgttgctgtc	gggtgcatgcc	tgtaatccca	gctacttggg	aggctgaggc	atgaacatcg	60
cttgaacctg	ggaggcagag	ggtgcagtga	gccaaagattg	caccgctgca	ctctagccta	120
gggtgacggag	tgagattgtg	tctccaaaaa	aaaaaatttt	ttctttgcga	ctgtattcct	180
aattttatct	acatacataa	ttcacttgcc	actcttgact	gtcttactta	ttctgtttgc	240
aaattcatgt	catgggtttat	gtatcacagt	gcagtccecat	gagtttttta	gacaaaggat	300
tagtggataa	gccaaagagac	ctataccctt	cactatatag	gatgcagggtg	tttcaaagtc	360
tggatgtaag	tggttaggcat	ggtggctcac	acctgtag			398

<210> 1410  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 1410						
aggtagatac	cacttttttc	acaattacta	aaagccaggc	aaattactag	tattttacat	60
catcataact	cattaatccc	tcacaaagtc	ctataaattt	agtaatgaaa	ttaaaatccc	120
ctgggagtca	gaaacatccc	atttgtgaga	aatacacttt	tcaatttatg	ccaacaaaaa	180
gcagaataaa	attttaattt	atgaattttt	aagatgagaa	aagtggggct	tagcaatgct	240
aactaatatg	tgcaagtttg	tgcaagttata	aggaatctga	ttcataatca	cttttctcca	300
ttgcctccac	ggattaaaaa	ggtgttccca	gccctgcagt	ttttcttaca	gagctcagtt	360
ccttaactac	c					371

<210> 1411  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 1411  
 ggcacgagga tcagtcaagg atgacgtgag ggtttgctgg gagcaccagg aatcctggag 60  
 aaggtagtgg caagaggggtg cagcaagctc agctgggcgg ggatcaagtc tgaggactta 120  
 atgtctcttc tgatctccag acccataaagg gagatgctga gtagacaact ggggcttatg 180  
 ggtctggagt tcagaggaga gatcgggaag gtgtccattt ggagtcattc acgcagagat 240  
 gtgtgaaggc tgctcaatga ttttgagggt taaagaaaaa aagagatgtg aaaccagggg 300  
 ccctgatgag gctgcccagg tggtaaggaa gacagaagag aagccatggg acagctgagc 360  
 ccgggcaccc tcaagccttg gaggcattgaa gtttgn 396

<210> 1412  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1412  
 cggttgctgtc ggcggtgctg tgcctgcag gaagagcggg atgcagctcg ggctgggcaa 60  
 ctgagtgagc atcgagagtt ggagactctt cgggctgccc tagaagaaga acggcagacc 120  
 tgggcccagc aagagcacca gcttaaggaa cactaccagg cgctgcagga ggagagccag 180  
 gctcagttgg aaagggagaa ggagaagagc cagagggaag ccagggccgc ctgggagacc 240  
 cagcaccagt tggcattggg gcagtcctgag gtgcggcggc tgggaaggaga gctggatata 300  
 gctcggagag agagagatgc cctgcagctg gaaatgagct tgggtgcaggc ccggtatgaa 360  
 agccagcggg tccagctgga gtcggagctg gctgtg 396

<210> 1413  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 1413  
 cggcggccta cggttgcgag atgacgacag aaggggatta aattcctttg ttcataactca 60  
 taaatagcac taaagtgtta taacattttc atttacctat ttttagttcc ttcattttta 120  
 cttaataaaa atcttggtatt gatattcttt gttttttttt ttttttttgg gggagggggg 180  
 ttgttttttt accccggggg ggatgacggg gggttttttt tggtttcttg gaaaccccc 240  
 cccccgggtt aaccctttt tcttggttta acctgccaa ggggggggaa cgggggcccc 300  
 ccccccccc ccgggggaaat tttttgggtt tttaagaaag aaaggggggtc tcccccttgg 360  
 tcccaggggg ggtataatct tctgccctt ggaac 395

<210> 1414  
 <211> 396  
 <212> DNA  
 <213> Homo sapiens

<400> 1414  
 tcgatctgaa gtccgagctg aagcggcgga acttagacat caccggagtc aagaccgtgc 60  
 tcatctcccg actcaagcag gctattgaag aggaaggagg cgatccagat aatattgaat 120  
 taactgtttc aactgatact ccaaacaaga aaccaactaa aggcaaaagg aaaaaacatg 180  
 aagcagatga gttgagtgga gatgcttctg tggaaagatga tgcttttatc aaggactgtg 240  
 aattggagaa tcaagaggca catgagcaag atggaaatga tgaactaaag gactctgaag 300  
 aatttgggtg aaatgaagaa gaaaatgtgc attccaagga gttactctct gcagaagaaa 360  
 acaagagagc tcatgaatta atagaggcag aaggag 396

<210> 1415  
 <211> 393

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(393)  
<223> n = A,T,C or G

<400> 1415  
cgttgctgtc ggacgccggt gcagtctcga accatccctc tgttcatgcg aaacaaagat 60  
gtcgtgtcag aagcggccac aggtagcggc aaaacactcg cttttgtcat ccccatcctg 120  
gaaattcttc tgagacgaga agagaagcta aaaaagagtc aggttgaggc cataatcatc 180  
acccccactc gagagctggc cattcaaata gacgaggctc tgctgcattt cacgaagcac 240  
ttccccgagt tcagccagat tctttggatc ggaggcagga atcctggaga agatgggtgag 300  
aggtttaagc atcaaggtgg gaacatcatt gtggccactc caggccgctt ggaggacatg 360  
ttccggagga aggccgaagg cttggatctg gcn 393

<210> 1416  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 1416  
gaaataaattc agcgcttcaa agacaaactt ccagtgccca ttccaatcga attcattatg 60  
accgtgattg cagcagggtgt atcctacggc tgtgacttta aaaacagggt taaagtggct 120  
gtgggtgggg acatgaatcc tggatttcag cccctatta cacctgacgt ggagactttc 180  
caaaacaccg taggagattg cttcggcatc gcaatgggtt catttgcatg ggcccttttca 240  
gttgccagcg tctattccct caaatacgat tatccacttg atggcaatca ggagttaata 300  
gccttgggac tgggtaacat agtctgtgga gtattcagag gatttgctgg gactactgcc 360  
ctctccaag

<210> 1417  
<211> 358  
<212> DNA  
<213> Homo sapiens

<400> 1417  
ggatttcacc atggtggcca ggctgggtct caactcctgg cctccaatga tctcctgcc 60  
tcagcctccc aaagtgtctg gattataggg atgagccacc gtgccagct gctaactaga 120  
aatgtaaagt gcacagagt gtagtgctgg taataattct agagtataaa aacaatttaa 180  
aatttttttg agaatttggt tttcagattt gaaaagaaaa ggggaatgat acacatatct 240  
gcttaaaaca atgatacagg aaagggtttt tttaaaacag gctaaaaatt ttgccttctc 300  
ttctaattct aaagatgatg gaaatgaaga ccattatgtg ggccagggcg gtgggtca 358

<210> 1418  
<211> 175  
<212> DNA  
<213> Homo sapiens

<400> 1418  
cactgctttg taagactttt cttatttttt catatgtaca tttgactttt ccagctaggc 60  
tgtaagttcc ctaagggcag ggtgcatatt ttccatatgt tttggcacct atactaagcc 120  
tgggtatata gtaagcaatt aataatattt gttaaggctg ggtgtggtgg cttat 175

<210> 1419  
<211> 172  
<212> DNA

<213> Homo sapiens

<400> 1419

tgtgtcatgg	gaagaagttg	aaggggtttta	gttagggaga	gtcataataa	aggttgcaagt	60
ttaacaatgt	cattcttgag	gaataccagg	taaacttaca	gatcagacac	ttaattttatt	120
tctacttgct	ccgaaaactc	cactgacatg	agcatagaga	gtcaaataaa	gg	172

<210> 1420

<211> 172

<212> DNA

<213> Homo sapiens

<400> 1420

ggaacctgaa	atgagaaaag	ggtagtgaag	gaagacttga	tgtccttcat	aactggcctg	60
cactctgccc	agccctcctt	ttctttccag	aagcccacca	gtggcccaga	gtggaagggg	120
gggagtcaga	ccagtcgaag	gttgctaatt	aagactggac	tgccaggcac	gg	172

<210> 1421

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1421

cgttgctgtc	gtggagtgc	agttttccgcc	cacccctcag	cagtgcctgg	gctcacctct	60
ccaccacact	ccccacacag	ccagaggcag	gccctcagcc	gcaatcagta	acattcagtg	120
aggacatgtg	tttatcatgt	gttggtgggtg	gggtgcagtga	gttctctatt	caggtaggag	180
tggaagctgg	ctcagggctc	atccagtcga	atgtcccaca	ggtatagaag	tgccctgata	240
aaatctcaga	gctggctgtc	cagtcaagat	ttgcatacct	ccagaaatgg	ggctcttact	300
acccctcaca	gtagcccatt	ctactgttgg	gcacctccaa	tggtcagcat	tttctttccg	360
gcagcctctt	tcttggtctg	gggggg				386

<210> 1422

<211> 278

<212> DNA

<213> Homo sapiens

<400> 1422

gaaatatcag	cctaaacgta	gtttatgttt	aggaagcaac	aaccgtaa	agtcccat	60
ccaaacggag	tggatttagg	tttactttt	tcaaggaaaa	accatcaa	aatttttcca	120
catacttata	aaccatccca	cgtatagaat	ccatttttac	tgacacaa	ttagtacaa	180
taaacgactc	ttcttctcaa	tttgttttat	ttaacaataa	gtcttgaacg	tcattcccag	240
ttaacatfff	gaagagtttc	ctctcttttcg	ttctgttt			278

<210> 1423

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1423

cgttgctgtc	gctggaaagt	gggataatac	tttttacctc	atggacttgt	caggaggatt	60
cattaaaacg	actgcataa	agcctatgcc	acatggtaga	tgccaattca	gggtctcaag	120
aaagaacagc	ccacaggatt	gacactgaac	cttaacaaag	ttaacaggac	caagctgcag	180
agaggggtgt	aggacagcga	agccaaagag	gacccctcaa	acccaacaag	agctgtgcgg	240
ctccctgatt	cctcgccagt	gttgctaccg	cccttggtctc	ttcttgcatg	gctggctctt	300
gagacccttg	gaagctgatg	gaggcaacgt	gagaagcaca	tgacatccg	accttgagct	360
tgagaggcag	aggcctgagt	tctaa				385

<210> 1424  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 1424  
 ggtttgaaaa gtctgttcta atttcatttc gatgtgactt agagaaaaat actccccgt 60  
 gcctcatgcc cacactctgg gcagtgccac ccgcagctcg gcaattgcca ccttccttgc 120  
 tgtggtttcc cagccttggg ccctgcccag acattggtct gaggtgcct ggtgctcttc 180  
 cccaccaccc tgggggcccc gggttctctt cccctgcag atccagaggc gtaaaactac 240  
 atttggtaac ctggtttgtc atgaaagtgg acatttgact ttttcttaa aatgtttggg 300  
 ttatggctgg gtgcggcggc tcacgcctgt aatcccagca ctttgggagg ctgaggcagg 360  
 cgg 363

<210> 1425  
 <211> 359  
 <212> DNA  
 <213> Homo sapiens

<400> 1425  
 tataaccatt tctcctcaca attatactag agaacttagc caagctaatc acaaaataac 60  
 aagaaattgt aggttataaa atggaataag gaaataaaac tggcattact tgcagagaaa 120  
 atgactacat gttttgagaa ccccaaaatc tgcagataaa ctgttagaat tgacaaggct 180  
 atttagcttc ctatgaagtt gatatacaaa tatcaattgt ttgttaacat aagagcaata 240  
 aagaaacaaa gtgaaaatta ttaaaaggca ccattcacaa cattatacac aaaatcaat 300  
 aattgtaaca atgtaagaaa tcaacagaca catcacaaa aaataattat taagataag 359

<210> 1426  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 1426  
 tccatagcgc ccatggctcc accaccagtc aaaggtagtg gggccagcag tggactcctg 60  
 tgtggttcag ctctcaaaaa tgtgaactga aagacacaga aaaagacttg tgtttgggga 120  
 taaatactga gactgagcag tcttgtggat tcaggaattg ggcattccagt tgggaccctt 180  
 tgcagaagg gtgttaggga gcacagagca tgagtaagcc ggaagcagag caggagagag 240  
 aatggagcat gtgtgcaaag agggcgggtga gatgctgaga gtaatggggc tggcccaaga 300  
 tgaagtgaga ggaagcaaag tgagacagag gg 332

<210> 1427  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (330)  
 <223> n = A,T,C or G

<400> 1427  
 caaagcttac tactcttagt gaatttgagc tttcctccct tctcaacgct tatggtttgt 60  
 ataagtacca tgaagagtca tgggaatttt gttcctttta tttatgagat atatattcaa 120  
 tatatattca tcttgacat gtatatacat cctacttgca gatttaacct tgacttgaaa 180  
 tttgaaatat ttaggaagaa gaaaggaaac gtcaagagga aatagaacgc cagcgtcgag 240  
 aaagaagata tattttgcct gatgaaccgg ccatcattgg acattcaaat tggggctgca 300  
 aaaaagggcc cggatatgaac tgaaacatcn 330

<210> 1428  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 1428  
 cgttgctgtc gaccggagtc aagaccgtgc tcatctcccg actcaagcag gctattgaag 60  
 aggaaggagg cgatccagat aatattgaat taactgtttc aactgatact ccaaacaaga 120  
 aaccaactaa aggcaaagggt aaaaaacatg aagcagatga gttgagtgga gatgcttctg 180  
 tggaagatga tgctttttatc aaggactgtg aattggagaa tcaagaggca catgagcaag 240  
 atggaaatga tgaactaaag gactctgaag aatttggtga aaatgaagaa gaaaatgtgc 300  
 attccaagga gttactctct gcagaagaaa acaagagagc tcatgaatta atagaggcag 360  
 aaggaataga agatatagaa aaagag 386

<210> 1429  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 1429  
 cgttgctgtc ggagatcctg tgtacaacag caattggagc tctaaaatta aacatcgggg 60  
 acctacaggt tacaaaggaa acaattgaag atgttgaaga aatgctcaac aaccttctctg 120  
 gtgtgacatc ggttcacagt cgtttctatg atctctccag taaatactat caaacaatcg 180  
 gaaaccacgc gtctactac aaagatgtc tgcggttttt gggctgtgtt gacatcaagg 240  
 atctaccagt gtctgagcag caggagagag ccttcacgct ggggctagca ggacttctcg 300  
 gcgagggagt ttttaacttt ggagaactcc tcatgcaccc tgtgctggag tccctgagga 360  
 atactgaccg gcagtggctg attgact 387

<210> 1430  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 1430  
 gttgagaagc tgggaatggt ggtggaacct aaaagacttc caactctgag gaaattgtgg 60  
 tagaaatgga agcagtataa cctatgattg aacttaaccg atgtaggtga ttgagattgt 120  
 atttgagag acaatgctta aagaaataaa agaaacccag acataaaaaac tgaagcttta 180  
 atggagatac ataaatacat aggaccttgg aaaacaaatg aagtaatata actgcatata 240  
 atttggtttac atatataaaa cataggaaaa tggaaataca gtgtattctt aagtgtacat 300  
 ttgtgtgtgc gaaattttatt gagtgtcttt actttacata aaccgcggaa ag 352

<210> 1431  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1431  
 aagtcggcag agcaaggact tgaagtaagc tggaggtaag ctggagtgtg aagtgtgaaa 60  
 tgaactgtat gtgccccttg caaggggtgag cagccacagt gccagctgat gttaccttgt 120  
 cagaatgtat cttcagtatt gctatggctt tgtttttctt tcaacttgca aatgctgata 180  
 actaatacaa attttttaaac tggtgtctgc aaacatagtc ttggtccaaa agctccttca 240  
 gctgataagc aacttcagca aagtctcagg atataaaatc aatgtgcaaa aataagtagc 300  
 attcctacac accaacaaca gtcaagttga gagccaaatc aggaatgcaa 350

<210> 1432  
 <211> 351

<212> DNA  
<213> Homo sapiens

<400> 1432  
ttaatgttca aacaacccat agagtggcta tcattactca gattttatct tagagaaatc 60  
aaagctctaa taattcaggc tacttttgaa aatttattca tcttcttatg actagaaaca 120  
aatatttcaa gcccaaaaga taaagattta aagtaaaaga agtcttaaag aagaggcagc 180  
acaatacagt gctgtagtaa ccttttgtga gcatcagact caccagtgga gctttctgaa 240  
aatcacatgc ccagctctca caacttgggg agactgtgat tcattagatc tggagtgatg 300  
tcctgcgtat actgatgtag tgaaaagaat atgagctttg cattcccagt t 351

<210> 1433  
<211> 351  
<212> DNA  
<213> Homo sapiens

<400> 1433  
atgtggaaat tacaaatgca tcaaagtatt ctaactagtg tttagaaatc taaaaatgaa 60  
aatattttgc aattatgaag caaagatgac tgacttcaac aaaattgcat gctttcaaag 120  
ttcacaaaag tatcaagttt tgactatgca aatgcaagaa gcactaagag taacgataag 180  
ctagcaccta tcagagaggt atttcaaact atttacagct aacaccagtc taatctttaa 240  
aaaaattaaa tataggtcag tcatgggtgac tcacacctgt aatcccagca cttcatgagc 300  
ccaaggcagg aggatcactt gagcccatga gttcaagacc agcctgggca a 351

<210> 1434  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 1434  
cgttgctgtc gggaaactgcg ggtgtgtgtg tgtatgtgtg tgtgtatgtg tgtgcgcgcg 60  
tgctgtcgtg tgtgtgcgcg cgctagtgtg tggacaagga ggtgggggca gctgagttag 120  
agtcccaact cttggactcc atttgctatt ctcttctttc tccccacac ctatctggtg 180  
gtggtagtgg gcgttttat ttcggttcct tttcattcat ttctaaatct cttaaaaatt 240  
ttgggttggg ggtattgggg aaggcaggaa agggaaaagg agagtagtag ctgaagagca 300  
agaggaggac atggagatga agaagaagat taacctggag ttaaggaaca gatcccccg 360  
ggaggtgaca gaggtagt 378

<210> 1435  
<211> 357  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(357)  
<223> n = A,T,C or G

<400> 1435  
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ctggactcaa gcaatccacc tgccccagcc tcccaaagtg ctgggggatac aggcattgagc 120  
cactgagccc ggccttaaga catttttctt acgagggtt ttttagccct gagggaaatt 180  
tatcatgaaa gcaatagagt tcagagcaag aactctggaa tcagagctca gatttgattc 240  
tggataaaac ctgaagagtt atataacctt ggagaagcta actgccattt tgaaccatag 300  
tttctcacg tgtgaaatgg gtttcatggt aatatatata actcatggat tataggn 357

<210> 1436

<211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1436  
 tattcaattt cctctgttaa tggttcctca agcataatct gagacctccc cccacccgc 60  
 caacagggcc tggagatcat aactatTTTT attataatgt ttatgcattt ttgtcttttt 120  
 cattgtgctg acatttTgtga agaggaaaac ggctggttcc ttaccacgag tcaaaggcat 180  
 agcagaaaat tgttttacta gtcattggat tttttttttt tttttactac tatccactca 240  
 caaaaaaaaa aaatttttagt tccactgaaa aatacttttg gggaacaccc aaaaattttt 300  
 atttttatta aatcttgccc ctggggcact ttaaaaaaat aaattttttg g 351

<210> 1437  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 1437  
 gaataaatgt gttgaaattt gtctttatct acgagatcat tagaggctaa gtcattggcaa 60  
 cactgttagt tcaattcaat tttttttgtg taaaattttg ttgagctgca tccatccgca 120  
 tatgtaacac taatttggtg acagcttctt tatactaagc cagaattaat ttgtctctcat 180  
 ggttttgttt taaatgtgtg agctgtatta tatcacattt gaacaagtaa tatagagaat 240  
 ataaatttag ttttagagaaa gaaaagtaca ggcacactaa aaatgaatta ggatctggca 300  
 gctgacactg attaacaggt tgagcaaatt caactagacc taaatctctg tg 352

<210> 1438  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1438  
 acccagtatg taaataccac ttcccactac aataaaagag ggctcttctg agacaagttt 60  
 aattccagat ctagggaaga caatgtataa ggtgaggcag taaaatcatg tcttactaga 120  
 gaaaaacgat taagtgaaaa ggacaaaaac cactgggatt aagtgaaaaag gacaaatacg 180  
 aaggaagatg ctccactctg cccaaaatgg atctttttaa catcaataag aactgattaa 240  
 agttgattat agattaaaaa ataaaatcca ctggtaacca tggaaagata aggggtgaagt 300  
 ttcattttatt tgtacaagga ataaatggat ggcagaatta gaatatcact ggt 353

<210> 1439  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1439  
 ataatcaaat agcccagaac tggggccaag ccaattctcg tcattgacaa catattcggg 60  
 attgtccatg ggttttcata ctgaaacaca aagacaacaa aatttaagta aaatactatg 120  
 aattcatact ttgaataact atatacatat attagaaaaa tatacttcat caacttcagt 180  
 cagaagctac ataaacttta aatttagcac attaaattga attttaaaat ccattctgtt 240  
 ctttttacag atatctccct aaaatcttct ttcaagaata cagaagatgg ctgggcatga 300  
 tggctcacgc ctataatccc tgcactttca gaggctgagg cgggatgaac 350

<210> 1440  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(350)  
 <223> n = A,T,C or G

<400> 1440  
 gacagggctg aagaacacag gtcgctgcat ttagaaagga ggcgggggtca gaggaatana 60  
 aagggacagg gctgaagaac acaggtcgct gcatttagaa cggagggcggg gtcaaaggaa 120  
 tagaaaggga caggactgaa gaacagaggt cgctgcattt agaaaggagg cggggtcaga 180  
 ggaatagaat gggtcagggc tgaagaacac aggtcgctgc atttagaaag gaggcggagt 240  
 cacaggaata taaagggaca gggctgaaaa acacaggtcg ctgcatttaa aaaggacgag 300  
 gggacagagg aatagaaagg gacagggctg aagaacacag gtcgctgcat 350

<210> 1441  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 1441  
 cggtgctgac gacctgtttt ttcttttttt ctcaacagct tatttcattt ttttttttta 60  
 attaaaagtt tactttttaca tgttttgaat gttggaatat tggcttatat ggggactttt 120  
 tgggttttatt aagggttgcc aaattaataa caattttctt attttttaaag ggtctatcca 180  
 tgttagttca gctatcactg aagacacaaa gaaaagtga aaagggcgac cgaacattgc 240  
 aaaaattgaa gacatcaaag ttttacaaga aaataatgaa ggactgagag catttttact 300  
 cactattgag aatgaactta aaaatgaaaa ggaagaaaaa gccgaattaa ataaacagat 360  
 tgttcatttt cagcaggaac 380

<210> 1442  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1442  
 gtgccccacg aacgaaagtg tcttcccatc agtccctgca ctgggaccgg ggatcctggg 60  
 gtcccttggt cgagctcagg gtgtgcctca gccgctaagt gaaccccaag gggggctttg 120  
 ggcgcacaaa gcccattgag ggaagggtgag ttttgagggg agaggtgagg cacctgtcac 180  
 agaaaaagaa agaaaaaacc cgcgccgtgg agaggtgggg cctgggtccc ccacggatga 240  
 aagtgccttc ccatcagccc ctgtgctggg taccggggaa cctgggggtc ctgggtttgag 300  
 ctcatggaga gccttggggc actaagggtg cccaacgcg gtggaaagcc catgg 355

<210> 1443  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 1443  
 ggcacgaggg gaagtgtgat gacgtcttgc ggctcctcat ggccgagctg ggcttggaga 60  
 tccccgccta tagcaggtgg caggatccca ttttctcact ggcgactccc ctgctgctg 120  
 gtgaagaagg cagccacagt cggaagtcgc tgtgcagaag cagagaggag gccccgcctg 180  
 gggaccgggg tgacccgctt agctcggccc ccatcctagg gggctgggtt ggcaggggct 240  
 gcacaaaacg cacaaaaagg aagaaagtga cgtaatcacg tgctcgatga agaacagttg 300  
 gcacttttga gatggccagt gtcacgggtg aggtcgggtt gccccacagg gtctagggag 360  
 aacgaactct ttggggatga c 381

<210> 1444  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 1444  
 atagtctgtc acttaccatt gtttctgcaa gccaaaggga ttttttatga ttttacagtt 60  
 acctaattta tagtttataa tataggaaag ttcatttatt ctctaactat atgagcctta 120  
 aatatcttgg agatttttcc tatgatttgc cccagaaatt aaaagcaatt cagggggaat 180  
 gaagaatgaa atagagaaat aaaggaagtc tgaaaattca gaaaataaaa gtatagtttg 240  
 ggcaaagcaa ctctaacaat attatcatga gctatctatc tttttcaata acaataataa 300  
 ctcatggtaa agctctattt ttttctcata aggctacttt gaaatgn 347

<210> 1445  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 1445  
 gaaccaatct tgaataggga agtgatgcta caaaaatgct aaaaaatgaa ttaatatat 60  
 gcaaagtcta gtttagttaa tataaataat gatgcttatt tatatggaaa gaaggcaaaa 120  
 tataaatagg tagtctatcc atagatatta cattgatcca ggtattaaga acatgaaatc 180  
 attaggctct attaaaagaa aaattcattg taattcctac ttattttcta atcacttgta 240  
 atagaatttt taatagtcta tttttcagaa caattttagg ctacacagcaa atacaataga 300  
 atttttagtta tacaattcat acatgaatac tatttccttg atn 343

<210> 1446  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(342)  
 <223> n = A,T,C or G

<400> 1446  
 tgatgaatta tgaaggaagg acatttattt tgagaatcat gagcattata atatttattg 60  
 aggattagaa ttttggtatg tggaggtgct actacctct catgagccac ttctgcactc 120  
 aatctcagta agaagaaaat gattaatttg taaaatatta aattatcatg attttttcac 180  
 ttttctgtcg gttttttctg ttaatgtcag gtagcttatt tttagtcttt atgattaaaa 240  
 atgggagaaa gatatcatat taaaaatgca gaggtctggc acggtggctc acacgtgtaa 300  
 tcccagcttt gggaggccga ggtgggcaga tcacctgagg tn 342

<210> 1447  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1447  
 caagcatgag acacacatct ggcagcttaa catttaaatt acgaggggga aaccctcact 60



cttggagatg tcacaaa

317

<210> 1452

<211> 315

<212> DNA

<213> Homo sapiens

<400> 1452

gtgtatcaca	tatctagact	tcttgatgga	atattgaatt	tgaatactta	tactatacca	60
acatctcact	aaattaacta	atgaatactg	aatttttagaa	tgcgttactt	gatttactgt	120
attatcagta	agtagcccta	atztatgtac	agaaatttaa	atgtatgaat	tttaatcaca	180
tttatatcac	tttatgaaca	cttaaaaagta	cattcatgac	ccaccagtgg	gccacaaatg	240
ctactttgat	ctacattgag	tttgttacat	acatatcctt	gaaccttata	atggattcca	300
tttagtcctta	ccggg					315

<210> 1453

<211> 293

<212> DNA

<213> Homo sapiens

<400> 1453

aaaaaaagct	taatagtcac	aatatatatg	ggattttttac	aaaagaaaaa	cacaaaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aaccctcaaa	120
aaaacagcaa	attaaaaatga	gacatttttg	ggttgggcgt	ggtgggtcac	gcctgaaatc	180
ccagcacttt	ggcaggccga	agtggctaga	tcccttgagg	ccagggtgtt	gggacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	aaaatacaaa	tattagccag	tgg	293

<210> 1454

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1454

atatataaac	tacaatcaga	gcactgttct	gtaattacag	gctttttacat	ctctctctct	60
cctctagaac	aattctctct	ttcaggatag	gaactgtaac	ttattagcag	ttacatcatc	120
agagctagca	gagtcgtgtg	aattgtaggc	attaaatatg	ttttggttga	ataaatgaat	180
gaaatataca	ttccattcct	accccaaacc	agtataattt	tcttacacct	ctattactca	240
acttcctcac	aagggtctgcc	agtcaagagt	cttagcagcc	acaacagctc	cttcaagtta	300
ggatcatttg	aggagagtaa	agtgatgact	taaaaaggta	tgg		343

<210> 1455

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1455

cgttgctgtc	ggaaatggta	aatgatgtac	aagaattgcc	agaagagtca	aaactgcatt	60
attaataatt	gtgaaaaaatt	acaagcaaaa	cagctcaaat	tcatggaaga	ttaataaata	120
ggaggtggga	tagttatgta	ataaattatt	ataccgaaac	ttaaatagat	gaattagagc	180
ctcatgagtc	aaccaggata	aatttttttaa	aagttcagag	taataaataa	ggcgcaggct	240
tacattttata	atataatatc	tgaaaaactta	aataactaat	acttatccaa	cataggtaat	300
aatagttcaa	acatgcatgg	aatggaaaaa	caaattcagg	gtagtggtaa	tctctgggaa	360
ggaatgagtg	aattt					375

<210> 1456

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1456

aggggtggagc	ctgccctect	ccacctgaca	cccccaacca	ggcctggggc	tcggtgtctc	60
cagctccaag	tcttcccctc	tccaacagcc	acttaaaggc	ctccctctgg	ctcttctcag	120
agaagaaaat	caaaagaagg	agagagggag	gaaaggcagt	agttcagggc	atggattcaa	180
atctgcatgt	aggagatgga	aaagcaaggt	aggagatggg	cagagacaca	ggaagagcag	240
gagatgtagg	gtgtggcctt	agcacttgct	gggaggtagg	ggtgggacaa	ctgagtgagg	300
agctggctta	gagagcagac	tgtggagttt	agtcctgatg	gtg		343

<210> 1457

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1457

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caataggagc	tgaagcagac	ccttttgaaa	catcctgtgc	gatagtttta	tgattgacgg	180
acatgaggcg	cagtgggaag	tttttttctt	tcctaaaaac	agattgagag	agtctcaatc	240
tcaagggcca	gttaagaaaac	tcatgggtga	gcctgtaatc	ccagcacttt	gggaggctga	300
ggcaggcaga	tcacttgagg	tcaggaaatc	aagaccagcc	tggccaacat	ggtgaaacct	360
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<210> 1458

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1458

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cagtaatcaa	aaatgaactc	aaaagagaga	ttaaatagat	tagacacaac	tgaagagaaa	120
cttagtaagt	gagaagctct	atcagaagaa	attatgccta	atacatggag	acaaagaaat	180
ggaaaatatt	caagaggagt	taggaaacgt	gtaggaaaaga	atgaacagct	ttaatgtatg	240
ttgaattgat	atgcaagaaa	taggaaatgc	aggcccgggtg	caatggctca	tgccctgtaat	300
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<210> 1459

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1459

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agcctcattt	tcttagaaat	ctaattattc	agttattcat	gacaatattt	ttttaaaagt	120
aagaaaattct	gagttgtctt	cttggagctg	taggtcttga	agcagcaacg	tctttcaggg	180
gttggagaca	gaaacccatt	ctccaatctc	agtagttttt	tcgaaaggct	gtgatcattt	240
attgatcgtg	atatgacttg	ttactagggt	actgacaaaa	tgtctaaggc	ctttacagaa	300
acatttttag	taatgaggat	gagaactttt	tcaaatagca			340

<210> 1460

<211> 258

<212> DNA

<213> Homo sapiens

<400> 1460

cacaaaattgc	tctttgctta	aagatcttct	tttgttttgt	ttaaacttttc	tagtgcattg	60
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tatatcttgt	ctaaattaaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctcct	120
gtgttcaaaa	gtgattttgt	ttataacttca	tcagggcggt	cagtgggttg	gcagatcaag	180
aatactatat	ttaggccagg	cacgggtggc	tgtaatccca	gcactttggg	gggccaaggc	240
aggcgaatca	cttgaagc					258

<210> 1461  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1461						
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ttttaagaat	ggaaaaacta	ttcttaggca	tattttat	ttaaaaactt	cttaactata	180
taatagaaga	gcagagattt	ttgcttcttt	tttaaacatt	tactggctga	atatttttca	240
atgacactta	ctatttgtat	aagtttcaaa	ccagatttga	ttccaggcca	ccagaatgaa	300
atcattacct	gagtcaacag	gattacctat	aggcccg			337

<210> 1462  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 1462						
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ccagaaaggg	ccaaaatgac	ctcctaata	cagatttctt	atcaaggcca	tattcctggg	180
ccctaataata	aaaaatcaag	agttatttca	attattcacc	ccccaccttc	cctgaatatt	240
ccagatgtca	ctaaggaaag	tctaagatgt	ggaacttttg	ctgcaactta	ctggaaacat	300
tcgtccgtta	ctcacttaaa	ttattcaagc	aaattagggg			340

<210> 1463  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 1463						
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agaacatcaa	atctaataaa	agacaaagac	ttcaagggtat	aagaacagat	taagtgcagg	120
ctgaatccaa	aatggactat	ataaaactagg	aagcaaggta	taagatacta	ttcttagatt	180
cacaggaact	gaaataaaaac	atctaactct	caacttataa	ttcatatagc	actaaactag	240
gttctaattgt	ttttattcct	ataaaaaagt	gtgttcaaac	aaaactcatt	attgttgatg	300
ggaacaacaa	ctgtgcctta	cagctcaaac	ttatgtaag			339

<210> 1464  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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<400> 1464						
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agcaggtggg	gccggcactg	tggctcacac	ctgtaattcc	aggactttgg	gaggctgagg	180
cggggggatc	acttgaggcc	agaagttgga	gaccagcctg	gccaacatgg	tgaaacacca	240
tctctactaa	aaatacaaaa	attanctggg	cgtgggtggcg	ggtgtctgta	gtcccagcta	300
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<210> 1465

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1465

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tttgaatccg	actaaaggaa	ctgaattcca	agagtcctaat	aaattaaaga	aaaaaaagtc	120
atacaatccc	tacatccagg	aaataccaat	gtaatattat	gggctttttt	ttggtatgcg	180
tttaagaaaa	tactattttac	ataaaaaagtt	aaatatccaa	tgttttgctt	ttaacttaat	240
gtcattaaat	taaataaaca	ctaagttttac	acattttattt	aaaagtacca	aggtactttt	300
aatgaatata	agataattta	cttgactact	gcttttaa			337

<210> 1466

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1466

aaatcctata	tttctgggtt	cggacatttt	ggctattaaa	caggaataact	ccaaactatc	60
tctttcaaac	caattatttt	tcaattttat	aaatcttcca	aataagcaaa	agcaaccaca	120
accataagaa	caaagaatat	ggctacattt	atatagtatg	ttctttttca	aataatttgt	180
aaaggcaaat	ttgaaagctc	tagttgttta	cacgttatca	gtgatgagat	aaaaatgtta	240
gcataaaaaat	ttggaaagca	ttaaatataa	taggaattag	agattgatta	tgtcaatctg	300
atcagtaaat	catgctgatt	tactgaaaac	aaattaca			338

<210> 1467

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1467

tgaccttttg	atcccaccat	gggactgttc	cccagcccta	agcccctgaa	atggggggaa	60
agagaaccct	cctttccctg	tgcccactct	atgatctttt	gaacatgggt	tacctccctt	120
cgcggctttt	ggaacataag	gcaagcacaa	gctcttgagt	ctctagtttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tctgcttac	cctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	aggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccag			337

<210> 1468

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1468

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cccagcaagc	ggggtgtagg	gcagggcaca	cactggctac	gggggtctct	gcagcaggac	180
agagggggct	ccctactttt	atttttcctg	gggggtcctt	tgactgcttt	ggcaagctga	240
tactcggcgt	tatctggtgt	gtttttataat	tttttttagg	atgtgtgtgt	tcttcccttg	300
gaggggggtgc	cgtctttaat	ttttctgcgg	gggggtttt			338

<210> 1469

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1469

gaagaatgag	gatcaaaagg	taaaatactt	tataaattaa	tttttctttt	ccttatcctc	60
cgtgactgct	ataaagactg	tgaaagggtga	aggctaattg	agtagaactt	ccttacatcc	120
acaatgtatg	ggatctactg	tagtctacac	agttgacagt	gtaacataag	ccttactaga	180
tcagttcatt	attataattc	tatggccacc	atctgtccct	actcatagta	agtttacaga	240
gacgataaaa	gatctaattt	cagttctacc	gatcccattg	gctttataaa	cccttaactg	300
aagcttagca	aaaggattag	tagaaaacg				329

<210> 1470

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1470

ggcagccttc	atgaccacac	tgtgaatgtg	tcttatatca	aatattatgt	ttaatttaat	60
tatgtgcaat	tgaggtagaa	taaaagaaga	aaaaaaagac	taggacaagt	ggaaaagaaa	120
gagtagcaca	gtacatttac	agcagttgga	aattatacat	tttgcataag	aggtaatcag	180
gatatagact	aagcagcact	tacaaagata	ttccaaacaa	aactaatgtg	caaacaaaat	240
agaaggatc	tctaccactt	tctctcattc	atttaatagt	ttagttatca	tccaataaaa	300
atttaagaca	cggccggggcg	cgggtggctca	tg			332

<210> 1471

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1471

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tgtgattttt	aggcgggaatc	ttaacacagt	attgaaagat	ttcttcaaac	cagaagaaaa	120
gcaggtatct	gaaacatttt	agtgtctggc	acagagttgg	agatgaacag	ggaagctgag	180
gatcggtccg	acggctggca	gcaaatagaga	ggagaccgga	gcgcacaaaca	ttgacatgac	240
ttctgttggt	catgcggcct	cttggaaaat	gtttttccat	gaactgttgt	ttagaaatgt	300
ct						302

<210> 1472

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1472

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ttggcctggt	tggaaggagg	tgtcataatt	tctcaggtaa	ctccaaaaag	agaaagctac	120
gaaaattacc	ttaatacatt	cattacagtc	tcagtataag	attatagctt	cctctcccaa	180
agcgtaacca	caacctgacg	caggatgagt	tggtttgaaa	ataccgcata	caatatcctc	240
ttgagttaga	tcataattta	gaactctaaa	aatgaccgga	aacaaaactg	tccaagtttg	300
tttaacgtaa	tgtgtttcaa	cttattttgac	t			331

<210> 1473

<211> 329

<212> DNA

<213> Homo sapiens



<400> 1473  
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atagaagcct tctttccttg ttgccactct tgtatctttt gaacatgggt tacctgcctt 120  
cgcgtctttt ggaacaaaag ggaatcataa gctcttgagt ctctgttttc tgctgtcatc 180  
tactcttcct gcctctggca cctcccagct cctgactttc tcctgcttcc ccttgagcc 240  
agagacgtgg ctgggaagag cccctggcct ttgaagccag tggcggtggg gaccaggggc 300  
aacaggccac tgtgctcctg gatgctgg 329

<210> 1474  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 1474  
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tggcgaggct ggtcttgaac ccctgacctc aggtgatcca cccgcctcag cctctcaaag 120  
cgctgggaca ggcgtgagac accgtgctgg gacagtagta acttctaata gataatgtat 180  
gcgtgggggtg gaaaggggag taccagtatt tttatttcta acacatatac aaaacaccag 240  
cttgctgttc accctgaaga accctgggca cagagcttat tcatattatc gtgccatcgt 300  
gccctatgca ttcttcaatg ggc 323

<210> 1475  
<211> 328  
<212> DNA  
<213> Homo sapiens

<400> 1475  
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cgaattcatt atgaccgtga ttgcagcagg tgtatcctac ggctgtgact ttaaaaacag 120  
gtttaaagtg gctgtggttg gggacatgaa tcctggattt cagcccccta ttacacctga 180  
cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc atcgcaatgg ttgcatttgc 240  
agtggccttt tcagttgccca gcgtctattc cctcaaatac gattatccac ttgatggcaa 300  
tcaggagtta atagccttgg gactgggt 328

<210> 1476  
<211> 323  
<212> DNA  
<213> Homo sapiens

<400> 1476  
gagagaggac agagaggcgg gtcacagctt gacctgggtt ggtcctttcc agctttgggt 60  
catagagagg aatttggtt ttcttttaag tgcaatggga aattggtgta agattttgag 120  
cagggctgca ccattatttg acttatgtgt taacagcgtg agagttaaga atttgctgct 180  
aggccaggcg cagtggctca cgctataat cccaacattt tgggaggccg aggtggtaca 240  
cttgaggtca ggagtgcag accagtctgg ccaacatggc aaaaccctgt ctctactgaa 300  
aaatacaaaag attaggttgg gca 323

<210> 1477  
<211> 135  
<212> DNA  
<213> Homo sapiens

<400> 1477  
ggaacctgaa atgagaaaag ggtagtgaag gaagacttga tgccttcat aactggcctg 60  
cactctgcc agccctcct ttctttccag aagcccacca gtggcccaga gtggaagggt 120  
ggagtcaga ccagt 135

<210> 1478

<211> 318

<212> DNA

<213> Homo sapiens

<400> 1478

ttgcctacaa	ttctaccacg	tattttctat	aagcatgcaa	atctagtata	ggtagaggat	60
attacaggct	aattaatctc	ttggcatctg	gtctaccag	gcccagtgt	ttgttcttga	120
acaaacaaat	aaaaaaaaa	cacagagaaa	taaccatgca	aatatgagaa	atgttgacaga	180
aatttgaaat	tgagacagct	tcctcttttc	tataggattt	tttttttaggg	gaaaacaatc	240
tctatattca	gtcttatata	ttacctgct	tcaaaaaatc	aaaacattga	aagttaagca	300
aaattcctgt	cagaaagg					318

<210> 1479

<211> 292

<212> DNA

<213> Homo sapiens

<400> 1479

aaatggacga	aggaggaaaa	agaaaggaga	agagtttgaa	gacagaagaa	attaaggaaa	60
gtaaactaaa	gcaattgaaa	ctatttggca	atcctttccc	tctcaactct	aaggcttatt	120
ctaaattagg	ggttttctag	atatacaatc	atgtcatctg	caaacaggga	caatttgact	180
tcctcttttc	ctaattgaac	accctaaatt	aggaaagtta	aacacctaaa	atgtcaacac	240
tttcatttaa	agaatgtggg	agagccgggt	gcaagtggcc	cacacctata	at	292

<210> 1480

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1480

gggaggggcg	ggagggagga	taggagagca	ccacacatag	tcaggggagg	ctttcaaaag	60
agtcttgact	ctaagaatac	ccaaaaagaa	aggtaatgca	aatttcaaac	ataccacatg	120
cattttcttt	tccttcccaa	atcccactaa	ggctattttt	tttaaatacca	ggttctagtc	180
ctggttttgt	catgacctta	atttaccctt	cacctaatca	cctttgactc	agtttcttca	240
tctataaact	gaggggcttg	gcctcactga	gttctaattg	cctttatata	tttaattctc	300
tatgagtcta	agatgcaatt	tctc				324

<210> 1481

<211> 325

<212> DNA

<213> Homo sapiens

<400> 1481

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tttaaagaca	atattgtacc	tttattttta	ttattataca	tttcttacat	tgtcttatga	120
ttctgatggt	tcttcagtga	tccactgaaa	acacctttat	aatcactgaa	taggatatta	180
aagaagtgtt	tttcttgact	ttatcacatt	gcttttggat	ctttgaaact	ggagagaaaa	240
gtcgggcaca	gtggctcatg	cctgtaatcc	caacactttg	agaggccaac	aagtttgagt	300
ccaggagttc	aagacacctt	gggca				325

<210> 1482

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1482

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gccttcatta	agcactgatt	agcagttaat	ctgtctttca	ggcagctaac	tttgctgagt	120
aaatgtacca	atgacccta	aaaatgctac	aataatttta	tttaaataat	tgcaagtctt	180
aggaacacct	ctaaatcata	aaaagaaaat	gaaaaaatag	aatgggtgac	actaacaatg	240
tgtatttttt	gttcattgct	aaaaaaaaa	tgaaggtacg	gtgtcaagtt	tcatgggtga	300
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<210> 1483

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1483						
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gttctctgcc	tcagcctccc	aagtagctga	gattacaggc	ttcgccacc	actcccggct	120
aatttttttt	gcatttttag	tagagatggg	ggctctcccc	cgtgcctccc	ctaccactca	180
tttcgatccc	ctcaaattca	tcttctccct	gcttctgtgg	ctacattatc	ctgacctgac	240
ggaatatcgt	tctgcatggc	tcgcttcccc	atattttccc	cttgcacatc	accggttact	300
catgttattg	ccccctgag					319

<210> 1484

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1484						
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tgactttcca	gacatctgta	gtggaagaac	taggtctagg	cccaaatcat	ttaattacta	120
gctgagcgac	ctgcacacaa	ctgcaagaaa	ttgttccatc	acaaaacttc	aggatgattg	180
gggttctctc	tttttctctc	ttttattcca	agcttaaaaa	aaaaaatctg	ctgaacgtcc	240
cactggagct	gaaattgtag	aagacaacta	gctctttaat	tatgatgtgc	agggagctgc	300
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<210> 1485

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1485						
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attttggcat	aaaattagga	agaataaaat	tttattatgg	gaggcttcat	attcaaaaac	120
aactaaagca	ttttaaaata	taccatttac	aataacaaaa	agagagttaa	ctgctcggat	180
cccattgaag	ttcatgaagt	tgatatactg	tagcaateca	aattctcaag	attaatattt	240
catgacagaa	tacctggatt	tagggccagg	cgagggtggc	cacgcctgta	atcccagcac	300
tttgggaagc	caaggccggc	c				321

<210> 1486

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1486						
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aaaaaaatat	agaatatata	agcaatgttc	tcaaaaatct	attagcagta	aaataaaaata	120
tttttcttat	agtgaaaaa	taatcaccat	gataaagcaa	attccaatat	aagtacagaa	180
atatcataca	aatattttta	cagtttttag	ttccattcct	gttatgtatg	ttagttaaca	240
aaaattagaa	tatttttaag	cctatgtatg	acagtttaact	atcagaatta	ttcttgtaca	300

ttgagaacac tagacagtag g

321

<210> 1487

<211> 322

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 1487

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ttctcttaat	aactgtaact	atagaacttg	ctcagtgcct	tactcttagg	agaggcttca	180
gaaatatatta	ttgcatgcaa	ttactgaata	tatggcacat	gtaacatctg	ttgtatcaac	240
agataaacag	gattctgagc	tgtttttttc	tccattgggc	ttcaggtaca	tagaaatgga	300
ttgacggccg	ggcgtggtgg	cn				322

<210> 1488

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1488

agaagggggg	caccctgcca	tgccactgct	gcctgtgtat	gtgcatccca	cccttctccc	60
cgctgctgaa	ccaccactgt	agttagaaca	ttgtcgggga	cagagcccac	cagccccgct	120
cctgccaggg	cccactcctg	tgctgaaatt	atcaccagca	tgaaactaga	catgaagaaa	180
agcagacctt	gcccttccct	gagtggccac	tctgccccat	gggaacacac	acagagtgtg	240
cacacagtcc	tgcaccaacc	agtgccccac	ccctgcacta	acatcactgc	tggttcacac	300
acccacagtt	atgggggagg	gcgttttccc	aagc			334

<210> 1489

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1489

aggtgtatcc	tacggctgtg	actttaaaaa	caggtttaaa	gtggctgtgg	ttggggacat	60
gaatcctgga	tttcagcccc	ctattacacc	tgacgtggag	actttccaaa	acaccgtagg	120
agattgcttc	ggcatcgcaa	tggttgcatt	tgcagtggcc	ttttcagttg	ccagcgtcta	180
ttccctcaaa	tacgattatc	cacttgatgg	caatcaggag	ttaatagcct	tgggactggg	240
taacatagtc	tgtggagtat	tcagaggatt	tgctgggagt	actgccctct	ccagatcagc	300
agttcaggag	agcccaggag	gg				322

<210> 1490

<211> 156

<212> DNA

<213> Homo sapiens

<400> 1490

tccggctgct	atatttctat	tgagggatgc	atttgccgtc	tgccctcctct	ttcttggtgt	60
ttgtgttagt	tgatttggtc	gttttaggtc	tttaagtatg	ttttgttttc	gtcttggtgt	120
tggcttatca	tgtatttttg	tggtcagggt	gtcttg			156

<210> 1491

<211> 233  
 <212> DNA  
 <213> Homo sapiens

<400> 1491  
 tcttataggt gatttctgtc ttataggtga ttataatcaa gtgtaggctt cctgaatttt 60  
 gacatccttt tagaacttgg gtctggaatt ccagaaatgt taattgctgc ttgtatttgt 120  
 tcttgtttgt tttttagcca gtatttgccc tttctatcca gccttatgaa taatagcagt 180  
 aaaatcacag tatcttggtc agtctttatt tttttccttt gttctttttt acg 233

<210> 1492  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1492  
 tcactcaaag gtttcattgt ctgaaatata agcctaaacg tagtttatgt ttaggaagca 60  
 acaaccgtaa atagtccac atccaaacgg agtggattta ggtttcactt tttcaaggaa 120  
 aaaccatcaa ataaattttc cacatactta taaaccatcc cacgtataga atccattttt 180  
 actgacacaa atttagtacc aataaacgac tcttcttctc aatttgtttt atttaacaat 240  
 aagtcttgaa cgtcattccc agttaacatt ttgaagagtt tcctctcttt cgttctgctt 300  
 tagctgcaaa gtattct 317

<210> 1493  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 1493  
 cagaggatta agttgagcat ggggcctcat tacagggcag ggactctgtg actgcactgc 60  
 cactttccca taaagcctgc cttgggggatg ggggaatacca cgtaggaaag agagtcttta 120  
 aagtgttctg gggacaggtt ttaaagttat ttgaatgact taagagctcg tgatgtcctt 180  
 tagatacaaa agattttcac gtggggaagg acattaaatt tgttttttat aaagttcact 240  
 ctggcgtcta atcatgtaga aagactagta ggtaagtcaa ctaaaaaact gttggatagt 300  
 ctaggaaagt gggt 314

<210> 1494  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(313)  
 <223> n = A,T,C or G

<400> 1494  
 taatgttaga ggactgtgaa agttggggaa agaagtttag tttgtaggta cttgtttttt 60  
 tgagcaggga attgtcttgg ctggagggtga atgtcagata ggttaatgta ggcaagtgtg 120  
 gaatggaaat gaaggtgtga tcatttagga ggttatttgt ttaggtgaga gagttaatga 180  
 attagggttt gtattaacga atgaaaatgg gagcagataa atttttaaca aattaagaat 240  
 catattttta aatcagcacc aggcacctag aactcattgg caaatagaaa ctttcaaaag 300  
 atataatcag gtn 313

<210> 1495  
 <211> 314  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 1495

gtgccttccc	atcagcccct	gtgctgggta	ccggggaacc	tggggttcct	ggtttgagct	60
cagggagagc	cttgggccac	taggggtacc	ccaacgcggt	ggaaagccca	tgacaggaag	120
gtgagctgtg	agggaggaga	ggtagggcac	tactggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
ggggcccgtg	gacccaggcg	accctgggtc	taggcctggg	tgcacctcan	gcccgcctagg	300
tgtaccccaa	agca					314

<210> 1496

<211> 312

<212> DNA

<213> Homo sapiens

<400> 1496

acagtcagag	gtaaaagaggt	cactgatgat	cttggtcaga	ggagtttcag	gagcctgaca	60
gggacggaag	ccggcaagcc	ccgaatcagg	gaaggagtgg	gaggtgagaa	cagatgatca	120
agggcagatg	actcttgcaa	ggcgtggctg	agaagcatag	agacacagtg	aggctcttgg	180
gggacaactg	gaaggcatgg	ggcactttga	ttttaactca	gggaaccctg	agcttaccta	240
agtgcagatg	gccagtcaca	gctgcaaccc	atagactaag	aagccatggg	ccaggtgcag	300
tggctcacac	ct					312

<210> 1497

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1497

gcgtgtgtga	gtgggtgcat	gtgtgagtgg	gtgcgcgtgc	gtgtgtgagt	ggatgcatgt	60
gtgtgtatga	gtgggtgcat	gtgtgcgtga	gtgggtgcat	gtgtgcgtga	gtggatgcat	120
gtgtgcgtgt	gtgagtgggt	gcatgtgtgc	gtgtgttaat	gggtgcatgt	gtgcgtgtga	180
gtgggtgcat	gtatgtattc	gtgggtgcat	gtgtgcacgt	gtgagtgggt	atgcgtgcgt	240
gtgtgagtgg	gtgcatgtgt	gaatgggtgt	gtgtgcgtgt	gtgaatgagt	gcatgtgtgc	300
atgtgtgaat	gggg					314

<210> 1498

<211> 307

<212> DNA

<213> Homo sapiens

<400> 1498

ggaggcggct	gtggcatttt	gctcacattg	gatacctgat	tgggacattt	atttaaaatg	60
ctaccatttt	tcaaatcttct	gagccaacat	catgatttaa	ttataaccggc	ttcatcgcaa	120
gtttttacaat	ccgataaagc	aaggccctact	tcattagcta	tttttttctt	tatataacat	180
gccctaataa	ttcatttttt	cttgtgaâaa	aatgaaatgc	acaattttta	taaaattcta	240
attatgacgg	ctgacattcc	aattaaaaac	ctgcattttt	gttttagaggg	ctcttttaata	300
atattag						307

<210> 1499

<211> 251

<212> DNA

<213> Homo sapiens

<400> 1499

gaacaataact	tttctctaac	atcgtacgag	gaagaaaaca	aacacatcag	atattttcag	60
cactaaaaga	gatggctttc	cccacatata	tgtcaaagaa	atatgcaaga	ctactggatt	120
ttgatctcat	ggttgcagcg	ggatgaatagg	tggccttttg	tgatctccta	catcaccctg	180
gaagtgcagac	ttcttcgggt	tcttctagag	tcagattggg	atcagaatgg	catagcaact	240
taaccttgca	g					251

<210> 1500

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1500

tgacctggat	caactatgaa	catttacatt	tattagttaa	catctacatt	ggctaaactg	60
tagcatctga	cttgatgtca	tcctaaaata	atatttcctt	cggagtattt	tcttcactct	120
gtaattgcta	actgctttcc	tatttgtttt	gtaacttatt	tccttaatta	gagaatattt	180
ttaaaaataa	aatttgagca	aggattgtag	atacctgaga	tttagtctgc	ctctgcttta	240
aatcagtgtg	ccagtttgct	aagtttgcca	taatgaagta	ccacagagaa	cgagtagttt	300
aaacggcag						309

<210> 1501

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1501

gtgccttccc	atcagcccct	gtgctgggta	ccggggaacc	tggggttcct	ggtttgagct	60
cagggagagc	cttgggccac	taggggtacc	ccaacgcggt	ggaaagccca	tgagaggaag	120
gtgagctgtg	agggaggaga	ggtagggcac	tattggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
gggcccctgt	gacccaggcg	accctgggtc	taggcctggg	tgcacctcag	gcccgcctagg	300
tgtacccca						309

<210> 1502

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 1502

ggactttggc	aaagagcctg	cgcaaatgct	gtcaccgata	ttccagtctg	gatcctagaa	60
aggttcaatt	ctacttcaac	aaagaaaatt	tttgagttat	aggaataagg	acggtaatct	120
gcattttgtc	tctttgtatc	ttcagtaatt	tacttggctc	cgtcagggtt	gagcagtcac	180
tttaggataa	gaatgtgcct	ctcaagcctt	gactccctgg	tattcttttt	ttgattgcat	240
tcaacttcgt	tacttgagct	tcagcaactt	aagaacttct	gaagttotta	nagatctgaa	300
gttctt						306

<210> 1503

<211> 283

<212> DNA

<213> Homo sapiens

<400> 1503  
cattatagtt gattttgcta aatcttaatt taaaagcctc attttcctag aaatctaatt 60  
attcagttat tcatgacaat atttttttaa aagtaagaaa ttctgagttg tcttcttgga 120  
gctgtaggtc ttgaagcagc aacgtctttc aggggttgga gacagaaacc cattctccaa 180  
tctcagtagt tttttcgaaa ggctgtgatc atttattgat cgtgatatga cttgttacta 240  
gggtactgaa aaaaaatgtc taaggccttt acagaaacat ttt 283

<210> 1504  
<211> 282  
<212> DNA  
<213> Homo sapiens

<400> 1504  
gagccaccgt gcctggcctc accattgtta aaattatgga aatcgtgttt gcaaagcagg 60  
ttggcctgtt tggaaaaggg tgtcataatt tctcaggtta ctccaaaaag agaaagctac 120  
gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa 180  
agcgtaacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcctc 240  
ttgagtagaa tcataattta gaactctaaa aatgaccgga aa 282

<210> 1505  
<211> 380  
<212> DNA  
<213> Homo sapiens

<400> 1505  
atggatgaag atttgtcagc ctcccaggat cactctcaag ccgtgactct gatacaagag 60  
aaaatgactt tattcaagag cctgatggat agatttgagc atcattcgaa cattctcctt 120  
acctttgaaa ataaggatga aaatcacttg ccattgggtac cacctaacaa attggaggaa 180  
atgaaaagac gaatcaacaa ctttttgga aaaaatttat tctacttcta gaatttcatt 240  
actacaagtg cttagttcct gggttggttag atgaagtgaa atcaaaattg gatatttgga 300  
acattaaata tgggagcaga gaatctgtgg aattattgct ggaagactgg cataaattta 360  
ttgaaagaaa aagaattcct 380

<210> 1506  
<211> 353  
<212> DNA  
<213> Homo sapiens

<400> 1506  
ctgatttgga gctggctgac aggaagtgtc tcaacccac aggagtatgc tgatgtaaaa 60  
cagagaagaa ttcagttccc acaacagaaa gcaaaggctt tagccttatt ttatgccaga 120  
ctagctgact ccaggggacca tgatctgtgt ttctctgaaa atcattctac tttctaattt 180  
ctctaaacct acaaaaactt ttctctcctt cttctctttt atcttctctc tctataacaa 240  
ccaggccttt gaaggatatca ggggtgggaa agaaaagggt ctaatagggt aatatgtatt 300  
gaaagaagtc gatgaaataa attttttaaa acatcaagta aaataggcaa cac 353

<210> 1507  
<211> 347  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (347)  
<223> n = A,T,C or G



<400> 1507  
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ccatgcacca gctccctcg cccagtgaa cctgccaac cccaccacct ccagagcctc 120  
acccctgcac caacactgcc gcaagagtga aactaggaag ggagaacaat ggacctcccc 180  
taccctgagc agccacccca cctgagtgat catgcacaga gggcaggcac agacctgcac 240  
ccgccagcac ccgaccccca tgctaatacc accaccagca cagtagccag caggggacct 300  
caaagcagta ttgctctgc tgctgctgtg aatgctgca gggaggc 347

<210> 1508  
<211> 176  
<212> DNA  
<213> Homo sapiens

<400> 1508  
tggaacaat ccaaagagtc taagtttctt ttccatccag cgtgagtttc ctatttagtg 60  
aagtaaagct caacttttat caatagtttc attctcttgt ggtatgtaa acctacacac 120  
actcagaggc acccagagga aactacactc tgagggtatta gttaaattctc tgcaag 176

<210> 1509  
<211> 334  
<212> DNA  
<213> Homo sapiens

<400> 1509  
ggagtcggac tgggagtga acccagctca attcctaata ggttgaagat atgattacct 60  
caatgcagtc tgcttatcag aaaggcatat catatcatcc ggatgtttta tatacaatgg 120  
ttggcataca acaaaagact gttagatatg gaaggaagca agaaaatgtg accaaatcaa 180  
gagaaaacaa aaccaaataa agaatatcca gataattgag ttagcaaatg agaaccttaa 240  
aataactgat taacaagttt tagatgataa aagaaadagag aacttccgtt ggaatctgca 300  
gaaatggtgt aaaatgaata ttctacaact ggag 334

<210> 1510  
<211> 331  
<212> DNA  
<213> Homo sapiens

<400> 1510  
tccgataaag caagtccac ttcattagtt tttttttct ttatataata tgcctaaac 60  
attcattttt tcatgtgaaa aaatgaaatg cagaatttta ataaaatcct aattatgatg 120  
gctgacatca caattaaaat cctgcatttt tgtttaaagg gctctttaat aatattaaat 180  
cttagcactc aagagtcctt gtacatcatt gaaatctttt ggtcttggtt ttggaatatt 240  
cttcacgtaa gtatatcata gctaactgaa tttattttta agtattttta cagttttatt 300  
tcatattttg acattgtgaa ttggtttttt t 331

<210> 1511  
<211> 434  
<212> DNA  
<213> Homo sapiens

<400> 1511  
atatctacat agatcttttt gcatgattcc accgattcca tccgcacgaa ttccgttgct 60  
gtcgccta at gtaacaaaac tattatctgg aagagccaaa atttgaactc agatctctct 120  
ggccctacta aatgcatcac cataaattat ttcattggga atctttccct gcaccttaat 180  
tgatttattt ctgccaaatg tatgtgttcc tacatcttta tggaatattc tgacatggga 240  
atgccccag gtctgtgaag actggcttct ctggggttg atcaataaat gaaggaaaat 300  
tttgacggg gtatatacaag atggggggtt gaagggggac aaattggtca atatagctcc 360  
cttcaaaaac aaaccctcag tatatctttg tgatgccaaa ctagagatta tttcctttgt 420

434

<400>	1512						
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tgggggtaat	gactttgata	ttgaagatga	agtagttgaa	gtagaaaata	gggaagaaaa		120
cctactgaaa	atttctcgca	gagtgaagaa	gtacaaagtg	gaaattttga	atcctcccag		180
ggaaggga	aagcttttgg	tgctagatgt	tgattataca	ttatttgacc	acaggtcctg		240
tgcagagact	ggggtagaat	taatgcggcc	atatcttcat	gaatttctaa	catctgccta		300
tgaagattat	gacattgtta	tttggctcgc	aacaaatatg	aagtggattg	aagctaaaat		360
gaaagagctg	ggagtgaagca	caaatgcaaa	ttataagatt	actttcatgt	tggatagtgc		420
tqn							423

<400> 1513							
cgtttggtggc	gggggtagaa	catatagaaa	ttgaggtcat	cgaaagtcag	gaaattgaan		60
ctcaggagg	ggaggatgat	acctttctaa	cagcccaaga	tggtgaggaa	aaagaaaatg		120
agaaagatat	accaggttct	ggtgagggtta	cacaagaagt	atctaaacct	cttccttcag		180
aagggagcct	agctgaggct	gatcacacag	ctcatgaaga	gatggaagct	catacgactg		240
tgaaagaagc	tgaggatgac	aacatctcgg	tcacaatcca	ggctgaagat	gccatcactc		300
tggattttga	tggcgatgac	ctcctagaaa	caggtaaaaa	tgtgagaatt	acagattctg		360
aagcaagtaa	gccaaaagat	gggcaggacg	ccattgcaca	gagcccggag	aatgatagca		420
aqgatn							426

<400> 1514						
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ccatgttgcc	caggctggct	tcaatctcct	gacctcaagg	gatcaaccaa	cctcctcctc	120
ccaagggggg	gggattatag	gtgggagcca	ctacacctgg	acagaattta	ccttatttga	180
attggcaaag	gggaagtcc	caaacagac	catgttctac	aaacttgtgt	attgtggggc	240
aagggaattga	tgtctttttt	gatccgcagg	agcaacaaaa	ttacctcac	cttgcctggg	300
ggcgggggct	cacacctgta	atcccaccac	tttgggaggc	caaggcagga	ggatcacaag	360
qtccagaqat	aaaaaccatc	ctct				384

<210> 1515

<211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 1515  
 cggttgctgtc ggatcatttg aagcaaacct cagaaatcac ttatttctta aatatttaag 60  
 tatgcattct taacttatta aaattttttt ggttttgttt ttgttttttc tgagacggaa 120  
 ttctgctctt gttgccagg ctggagtga atggcgcaat ctgggtcgc tgcaacctct 180  
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa aacaaaaaaa atcagctggg 240  
 tgtgggtggcg ggggcctgta atctcaacta ctggggagggt tgaggcagga gaattgcttg 300  
 aacctgggag gtggagattg cagtgaagctg aaatcacgcc actgcactcg agcctgggca 360  
 actgaacgag actctgtctc aaaaaaaaaa ggcaggcat tgggggttca tgt 413

<210> 1516  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (417)  
 <223> n = A,T,C or G

<400> 1516  
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 ttgcattttc tgaaagtctt ttatcttaaa agttgtatgt ggattttcaa ctttatgttt 120  
 ttatttttaa aaataagatg tgatgttatt ttcaaagct caaaactatg ttaccctat 180  
 aagttacaag cctcctgggc cacatattca tttttaagaa gcagagaatt atgatgacat 240  
 atggatttca ggacctctga ggggaacttg atggggggac cattaatatt gtatgtgcgg 300  
 ccgggcgcgg tggctcacgc ctgtaatccc agcacttggg aggccgaggg gggcgatca 360  
 cgaggtcagg agatcgagac catcccggct aaaacggtga aaccccgctt ctactan 417

<210> 1517  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (376)  
 <223> n = A,T,C or G

<400> 1517  
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 aaagttgtat gtggattttc aactttatgt ttttatttta aaaaataaga tgtgatgtta 120  
 tttttcaaag ctcaaaacta tgtttaccct ataagttaca agcctcctgg gccacatatt 180  
 catttttaag aagcagagaa ttatgatgac atatggattt caggacctct gagggaaact 240  
 gcatgggggg accattaata ttgtatgtgc ggccggggcg ggtggctcac gcctgtaatc 300  
 ccagcacttg ggaggccgag gcggggcgat cagcaggtca ggagatcgag accatcctcg 360  
 ctaanacggt gaaacc 376

<210> 1518  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(416)  
 <223> n = A,T,C or G

<400> 1518						
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gagatggagg	atcttctgaa	cttcagtctc	gtcttattcg	ttatgaaact	caaactacct	120
gcaccagaga	aagttttcca	gtacctactg	tggtgagccc	tcttccatct	cctgtagttt	180
cgtcagatcc	tggaagtgtc	cctgacggag	aagttttaca	aaatgaactt	cgaactgaag	240
tatcccgatt	gaaacggaga	tctaaagatc	tgaattgcct	ttatcccaga	aaaagacttg	300
tgaaatcctg	aagttcagag	tctcttcttt	ctcagacaac	tggtaatagt	aatcactatc	360
atcatcatgt	gacatccaga	aagccacaaa	cagagcggtc	cttaccagtg	acttgn	416

<210> 1519  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<400> 1519						
cggttgctgctc	ggggctggtg	tgagagctat	aggcttggac	gtaaaacaat	gctagatgtg	60
gtgtctgctc	ctgagcttaa	aagtagcttg	agaaagacag	tgatattatc	agaaaagaat	120
gtgcataatg	aaaagttgaa	acttttataa	actcactcaa	aactaagttt	taaaaaagag	180
ccaccgcgcc	cagcctgaga	cgtgttttaa	agactgactt	ttgtttcttt	tctagatata	240
aatttagaaa	ttgagaagtg	tattttgaaa	aggcataata	agaaaaacta	tggtcatataa	300
ttatttttaac	ttgccatatg	aaaacctaag	gcacagggag	gtaactcgcc	tacaggtgca	360
gccctaggaa	gtcaggggagc	caggattcac	tgtcagctga	ctgactc		407

<210> 1520  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 1520						
ggcacgagga	atgaatgaag	attgtcttat	tagcttttga	ggaagctgtc	aggatgatagg	60
atggacagta	tggtgggaaa	ggtctctctg	gcatgaagag	gtggcatatg	gaaatggcat	120
ctgagctgag	agcataggcg	ggcgagaagc	cagttgtggg	caaaatgctt	tctatgaacg	180
gaggaagtaa	gtgcaaaggc	cctgggggtg	gaatgtgcac	aatgaaacca	acatgggtgca	240
gccgagcacg	gcagtgtggc	ccacaggagg	ctggacaccc	ctttgcccc	gcccattgctt	300
tctgggcagg	ccacacccgc	tgtcctttct	ggctgtttag	aggaagtaga	aatcagatac	360
agaaattccc	acctctgttc	tttgttcctt	tgtctcagct			400

<210> 1521  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 1521						
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acctcaggcc	gctcgggggc	atgccgggat	ttgttggtgtg	tagagggccg	ctgccgcgag	120
ggatgccggg	atctgcagtc	cttcgggact	acaagcaaaa	tggtgctctc	tcgacctctt	180
agctggggct	taggggtgtc	ctggctggcc	aagagtatga	cctaggttca	aatcctcact	240
ccgcaagttt	cgtatctcag	tttccacagt	agtaaaatga	gataataata	gtacatataa	300
tcatagagtt	gatgtgcgga	gtacatgaat	ttaaaccatc	agagccaggg	cagggcggtg	360
gctcactcgt	gtaatcccag	caatttgga	ggtggaggcg	ggaggatctc	ttgagc	416

<210> 1522  
 <211> 417

<212> DNA  
<213> Homo sapiens

<400> 1522  
ggcagagcc tttccaagtt ctcaactgctg gaaagagcta gaagcacagt tcaaagttct 60  
ggcttctgga ctctgcagtc cagggtctccc ttctcccact tgcctaccct caatgccaca 120  
ctgtttttga agtggcccat aacttgaagg aaaagtttaa agacagttca atttaaatcat 180  
cagaatgcat tctttttttt ttccggagacg gagtttctact cttactgccc aggctggagt 240  
gcaatggtgc aatgatctcg gctcaactgca acctctgcct cctgggttca agtgattctc 300  
cagcctcagc ctcccagta gctgggatta tgggcgcccc ccaccatgcc cagctaattt 360  
ttggattttt ttttttaaaa aaaatggggt ttccccagg ggggccaagt cttggcg 417

<210> 1523  
<211> 387  
<212> DNA  
<213> Homo sapiens

<400> 1523  
ctatgctttc tggaaactttg ccccttagca aagtaaattg ctcatcattt ccggaacatg 60  
cagtgttggt tcttgctcct gctccctttt cctggaatgg ctgcccctgt tcctccacct 120  
gaaacatcct tcttccttct tcagggtccc agcaggttgt ctactacccc catgggcttt 180  
gcacacacct gcaactgtagt atgtgttgca ctgtgtggtc atgggtttcca ggttgattgc 240  
agacagcaag cctgggagtt tctggagatc tcaagagtga ggctccttca gctgtgtgcc 300  
tccatgcctc acctattgcc tcacctgcaa cagggtgctca acaagtgtt gctgttaagt 360  
aaaagtgaag ggggtggtgac aaaaaca 387

<210> 1524  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 1524  
gcttgccagt ctttgctttg ataggtgggt tttgcttagg ctacgataaa ttgtttcatc 60  
ttttctaaag agggatgagg aagtatttac tttgtgagat tggaaaaccg tgtgggtgggt 120  
gtggaaaata agcatgttat taataaacag ctagtcttgt gctccatact cttggatgga 180  
aggtagaaat aaccttgccct ctattgctga gatttaaaaa aataaaaagc taggctacta 240  
ccgtgacctt cctcgccac aacacaggca cagggtggca ggtagtgatg agaaacaggc 300  
tgccaagatg gtccctggat gactaggagg tgtgtgatgt gcgtccagtt gtctggatgg 360  
ggcaactgga atccttcatt gtgtggttca tgcttgtgtg tgca 404

<210> 1525  
<211> 416  
<212> DNA  
<213> Homo sapiens

<400> 1525  
cagaacccaa agcgggaagca ggctccaggt ctcgagctc atccagcaca cctacgagcc 60  
cgaagcccct cctgcagtc cccaaaccca gtctggcagc acggcccgtc atcccgcaga 120  
aaccaagaac cgcctcacgg cctgatgaca ttccagactc tccatctagc ccgaaagttg 180  
cccttcttcc acctgtcctg aaaaaagtgc cttcagacaa agagagagat ggccagagta 240  
gccccagcc cagccccagg acattttcac aggaagtttc aaggagaagc tggggccagc 300  
aggccagga gtatcaagaa caaaagcaac ggtcctccag taaagatggc catcaaggca 360  
gcaaatctaa tgactccggg gaagaagcag aaaaagagtt tatttttgtg taaagg 416

<210> 1526  
<211> 408  
<212> DNA

<213> Homo sapiens

<400> 1526

ctctgcctcg	gccggtaagg	ccgaggacga	ggttgaagga	tggccgagag	gagaccgagc	60
gtgaggggtc	cgggggcgag	gaggcgagag	gagaagtccc	cagcgctggg	ggagaagagc	120
ctgccgagga	ggactccgag	gactggtgag	tgcctgcag	cgactaggag	gtggagctgc	180
ctgaggatgg	gcagccctgg	atgccccgc	cctccgaaat	ccagcggtc	tatgaactgc	240
tggctgccc	cggtactctg	gagctgcaag	ccgagatcct	gccccgccgg	cctcccacgc	300
cggaggccca	gagcgaagag	gagagatccg	atgaggagcc	ggaggccaaa	gaagaggaag	360
aggaaaaacc	acacatgccc	acggaatttg	attttgatga	tgagccag		408

<210> 1527

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 1527

cgttgctgtc	gccacaaagc	tattagtagt	taatcatata	aaacttacct	gcttggagaa	60
gaacgttgg	aaattttgc	gctttagcaa	aaacttgata	aaagtgagc	atttgaaaa	120
aaggcatttg	ttgctgtgga	actcacattg	ttaatcatca	gtaggtttat	atgtaaaaac	180
ttggaatgg	cttgaaattc	tcaaaatgtt	ataggaatta	ttttataaa	tggtttattt	240
tcttacatgc	tgttttgggt	tttctacett	actctttgtg	cttaaaagga	gaaaggctct	300
tactaaaacc	acttcccttg	tttctttata	gaatttacia	cggaatgat	tttaccaacg	360
aaagctatgg	caaccaggga	attgactgtc	aaaagaaaac	tgagtgggaa	tan	413

<210> 1528

<211> 164

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 1528

tccttannaa	atcactccct	gacttaaatt	ttaaatagtg	ccttgactat	cttttacagg	60
aaggaatagt	attacatata	tcanaattgt	ttcattcatt	tttaaataat	tggaaaactc	120
ttaaaaatac	cacaggaggc	tgggtaccgg	gggtcatg	ctcg		164

<210> 1529

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1529

cgttgctgtc	gggaggagct	ggaacaggag	aggaatcact	ggcagtctga	attcaagaaa	60
------------	------------	------------	------------	------------	------------	----

gtccaacatg	aattgggtgat	ctacagtacc	caggaggcgg	aaggcttgta	ctggagcaag	120
aaacacatgg	gttatcgcca	agctgaattc	cagattctga	aagctgagct	ggaaagaacc	180
aaagaggaaa	agcaagagtt	aaaagagaaa	ctgaaggaaa	cagagacaca	cctggaaatg	240
ctgcagaagg	ctcaggtctc	ctaccggacc	ccagagggag	atgacctaga	aagggctttg	300
gcaaagctta	cgcggtacg	tatccacgtc	agctatctcc	ttactttctgt	cctccctcac	360
ttggagcttc	gngagatcgg	gtatgactca	aaacaagtgg	atggt		405

<210> 1530

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 1530						
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gtgccaccgg	ctgcggtcct	ctcgccgcct	ctgcgggaag	tgtctgtgcc	tgccgcccct	120
gagctcctgc	ctcagttccc	cagctccctg	gccacggtgt	ctgcctctgt	gcagagtgtg	180
cccacccaga	ctgccacact	tctgccacca	gcaaaccac	cgctgcctgg	cgggcccggg	240
atcgccagcc	cttgcccaac	tgtccagctg	acggtggaac	cagtccaaga	ggagcaggcc	300
tcacaggaca	agccgcccgg	cctcccgcag	agctgtgaga	gctantgagg	ttctgatgtc	360
actttctgga	aagagctgag	tgacagctgt	gaaggcgctt	tt		402

<210> 1531

<211> 407

<212> DNA

<213> Homo sapiens

<400> 1531						
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ttagtaacca	gaagcccaaa	tgcaatgagt	ttctgctgac	ttgctagtct	tagcaggagg	120
ttgtattttg	aagacaggaa	aatgccccct	tctgctttcc	tttttttttt	tgggaaacaa	180
agattggctt	tgttgcccag	gcggaagggc	gaaacaacaa	tttgggtttt	accggaaacc	240
tcggtttcgg	gggttaaggc	aattttccgg	cctaaccctc	caagagtttg	ggagataccg	300
gcctggggcc	ccccccccgg	gggagatttt	ggtttttata	aaaaaaaggg	gttaaccatt	360
gtggcagggc	gggtctaaac	tcccagacca	tgggaaccgc	cctcccg		407

<210> 1532

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 1532						
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agcagtttct	gtttttcgaa	gatcaactca	agaagcaaga	gttagcccca	ggtcaaatgc	120
gaagtcagca	aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tctgctttt	180
ccacacacca	gaacaattcc	ttgctgaatg	tatttgaga	tcaacctaat	aaaagtgatg	240
caaccaatta	tgctagccac	tctcctcctg	taaacagggc	cttaacgcca	gctgctactc	300
taagtgtctg	tcagaattta	gtgggtgaag	gactgcgatg	tgtagttttg	ccagaagatc	360

tttgccacaa atttctgcaa ctggcagaat ctaatacagt gagaggaata gaaacn 416

<210> 1533

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1533

ggcacgaggc	aagacggcgg	tgaagaaacg	gaatctgaat	ccggttttca	acgagactct	60
ccggtactcc	gtcccgcagg	ccgagcttca	gggccgcgtg	ctgagcctgt	ctgtgtggca	120
ccgcgaaagc	ctgggtcgca	acatctttct	gggcgaagtt	gaagtgcccc	tggacacgtg	180
ggactggggc	tctgagccca	cctggctccc	cctgcagccc	cgggtccccc	cctctcccca	240
cgaccttccg	agccgcgggt	tactcgccct	gtccctcaag	tacgtccccg	ccggctccga	300
gggcgcagga	ctgccccga	gcggggagct	gcacttctgg	gtgaaggagg	ctcgggacct	360
cctgccgctg	cgggcaggat	ccctggacac	ttacgtacaa	tgcttcgt		408

<210> 1534

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 1534

caaagaaggt	acccctggga	gcccacgga	gaccccaggc	cccagcccag	caggacctgc	60
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccag	caggacctgc	120
aggggacgag	ccggccgaga	gcccacgga	gaccccaggc	ccccgcccag	caggacctgc	180
aggggacgag	ccagccaaga	ccccacgga	gaccccaggc	cccagcccgg	caggacctac	240
aagggatgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccgg	caggacctgc	300
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccgg	caggacctgc	360
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	cccagcccgg	cn	412

<210> 1535

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1535

cgttgctgtc	gcccctcgcc	tgttctctat	ggcccctggg	ggctggaggc	cttggccgga	60
ggagacctga	tgctgcacc	tgctgacccc	acagccaggg	agggcctggc	agccccaccc	120
aggagacttc	gctctaggaa	ggtgtcctgc	cctctcacac	gtagcaatgg	ggacctgtct	180
cgttcctga	gcccctcccc	actgggctct	tcagccgcca	gcactgcctt	ggaacggccc	240
agcttcttat	cccagacagg	acacggagtc	tcccggggtc	cgagccctgt	ggctcctgggc	300
tcccaggatg	ccctgcccac	agccacagcc	ttcacggaat	atgtccacgc	ctactttcgt	360
gggcacagcc	cccagctggc	tggtctgagt	aacttgggga	gctgaccatg	ac	412

<210> 1536

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1536

ggcacgagcc	tcggcctcgc	tgtcttctgc	agccgctact	ggaacctcca	cctcgactcc	60
agcggccccc	acagcacgga	agcatctgga	taaagaacag	gttagaaagg	cagtggacgc	120



tctcttgacg	cattgcaagt	ccaggaaaaa	caattatggg	ttgcttttga	atgagaatga	180
aagtttattt	ttaatggtgg	tattatggaa	aattccaagt	aaagaactga	gggtcagatt	240
gaccttgcc	catagtattc	gatcagattc	agaagatata	tgtttattta	cgaaggatga	300
acccaattca	actcctgaaa	agacagaaca	gttttataga	aagcttttaa	acaagcatgg	360
gattaaaacc	ggttctcaga	ttatctccct	ccaaactcta	aagaaggaat	at	412

<210> 1537

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1537

cgttgctgtc	ggcacaagcc	aatttttctt	atgatcaaaa	aattctttct	ttcctctgag	60
tgagagttat	ctatatctga	ggctaaagtt	taccttgctt	taataaataa	tttgccacat	120
cattgcagaa	gaggtatcct	catgctgggg	ttaatagaat	atgtcagttt	atcacttgct	180
gcttatttag	ctttaaaata	aaaattaata	ggcaaagcaa	tggaatattt	gcagtttcac	240
ctaaagagca	gcataaggag	gcgggaatcc	aaagtgaagt	tgtttgatat	gggtctacttc	300
ttttttggaa	tttcctgacc	attaattaaa	gaattggatt	tgcaagtttg	aaaactggaa	360
aagcaagaga	tgggatgcca	taatg				385

<210> 1538

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 1538

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ctactcttct	tcatgttatt	gaagcccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaatat	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
gtcccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	ccgcaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaagt	ggccccg			396

<210> 1539

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1539

cgttgctgtc	ggtccatctt	gtcttgtctt	attcagggca	gtggaagctt	taccacttc	60
ctactcttct	tcatgttatt	gaaccccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaatat	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
cacccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	ccgcaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaggt	ggc			393

<210> 1540

<211> 392

<212> DNA

<213> Homo sapiens

<400> 1540  
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ttatctatat ctgaggctaa agtttacctt gctttaataa ataatttgcc acatcattgc 120  
agaagaggta tcctcatgct ggggttaata gaatatgtca gtttatcact tgtcgcttat 180  
ttagctttta aataaaaaatt aataggcaaa gcaatggaat atttgcagtt tcacctacag 240  
agcagcatat ggaggcgga atccaaagt aaggtgcttg atatggccta cttctttttt 300  
ggaatttcct gaccattaat taaagaattg gatttgcaag tttgaaaact ggaaaagcaa 360  
gagatgggat gccataatag taaacagccc tt 392

<210> 1541

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1541  
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gaaatcagtc cagcataatg catgagcaag ttagtaagaa gattagattg gctggcattg 120  
aggcaaatgt aaagttaatt tgggaatttg cagactatac tgtggatata aaaaaatgac 180  
tagagccaga ccagccaggt ttaaactcta gctcttccat tcaactgagca ctcacacaag 240  
tcacttactc tctgcactta cctcatccat agcactgttg cgaggattaa aggaggcaat 300  
gcttgtaaaa ttcttataac agttcctgta cataaaaaat tatccataag ggccgagcg 359

<210> 1542

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1542  
gtctttattg aatggaaagg tgtcatgtga gacacaaaaa tataaaatct ttagattgct 60  
ttatttttaa aacaaataag atacttacat tattaacaga agagcatact ggtttcggtc 120  
cataaaatct ttgggaagggt acaactgtaa aggaagttct tttaaagaaa gagcaaaata 180  
ttaaagatgg agagtcattt acaggtaaaa ctataagacg cagagaaagt tgttcttgaa 240  
taacatagca tgcacaaaat tttaccatag tcgtcaatat gaaggatttt aatttctggc 300  
tttcctatct tcttcttcag gatagcttcc ttcagcatag aattgcttcc caatg 355

<210> 1543

<211> 357

<212> DNA

<213> Homo sapiens

<400> 1543  
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atggagtagt tgcattgcat ttggcttatt catcttttaa gtctcttctg tattttacta 120  
gctcctttc ttttcttgcc atttgtccag tagagttttt ctattttaga tattttattt 180  
tgttttatcc ttgtggcgat gtgaatttta ttccattgg tgataaagg caatttaagc 240  
tatgtgattt cttttggtat actttgaata agaaaataca gaatgacaac aaactactat 300  
aaattcagta acagattcaa ttttaattgt atttcatgtg agcaaaacag ctgaaaa 357

<210> 1544

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1544  
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acttacttca	cgataattta	gtatgattat	ttcttctaca	gttttttgcta	taagaggccg	180
aaccccttcc	tgtcctaate	taaaaatacc	acagtacacc	ctccccaaca	tgaccgactc	240
ttcagcatat	aaaatgctaa	ctaagctttt	ccgaatgcac	aatttggggg	ttttcctttc	300
ttcttcttta	tacatgtcta	tattgggttg	cttttggttt	ggtttgatcat	ttttctacca	360

<210> 1545

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1545

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tctgaagaat	ttggtgaaaa	tgaagaagaa	aatgtgcatt	ccaaggagtt	actctctgca	120
gaagaaaaca	agagagctca	tgaattaata	gaggcagaag	gaatagaaga	tatagaaaaa	180
gaggacatcg	aaagtcagga	aattgaagct	caagaagggtg	aagatgatac	ctttctaaca	240
gccccagatg	gtgaggaaga	agaaaatgag	aaagatatag	caggttctgg	tgatggtaca	300
caagaagtat	ctaaacctct	tccttcagaa	gggagcctag	ctgaggctga	tcacacagct	360
catgaagaga	tggaagctca	tacg				384

<210> 1546

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1546

ctcgagccca	cgtgacgcct	tctagaaccc	tcacacctcag	gccgctcggg	ggcatgccgg	60
gatttgttgt	gtgtacaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttcagg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaagagta	tgacctaggt	tcaaatactc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataca	gttgatgtgc	ggagtacatg	300
aattttaaca	tctagagcca	gggcagggcg	gtggctcact	cgtgtaatcc	cagcaatttg	360
gaaggtggg						369

<210> 1547

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1547

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agtggcttca	gggaggggag	gtggtgggat	tctactgaa	gaggagaagg	aatgagcagc	120
tggtaatgga	gtggaaaaac	ggggatgcag	tgcacccttt	caaaagttgg	tgatgaccag	180
cagtatgaga	gagagaaaaat	agtagtggag	atgaggggtg	gggtataaaaa	acaccccgaa	240
tttttttttt	agaaaaaaat	ggcttttaaaa	aagtatggta	aaaatttttg	taacaatttg	300
gtgtttctat	tttagcacca	ttttgttata	aatgttggtt	tttttttatt	cgcga	355

<210> 1548

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1548

atctaaattt	gtcagcaaat	taaagagttt	gagattggga	attgagataa	agctatttag	60
ttcttttatg	tttaaataat	ttacttcatt	ctgaaatctt	ataaatggat	tctcaacttt	120
caagtagtat	tctccagata	gaagaagagg	tggttgctgc	tcatgtagat	ctataaatat	180
gcggtgtatg	ccttttgtgc	ttctttctcc	gaaaaggacc	accccttttt	tccctcttcc	240
cgatttcttg	tcacctttct	cgctcctggc	tgcatccatc	ccccttccgt	tatcccgtct	300

tcgcgtcccg	tcttttttct	cctgctgtct	atcactcttg	cctgcttccc	cgtcggetta	360
ccg						363

<210> 1549

<211> 356

<212> DNA

<213> Homo sapiens

<400> 1549

taaacgccag	atggaagaga	tgcataatc	aggaagggtg	tgagggaagg	ggcatggggc	60
cagccactct	ccaggaacct	gcatgcgttc	agctactcag	aagctcgtga	cgggcaatgc	120
taatatgaat	atttatctct	tttaagctct	atcatttttc	tatcatttct	tgatgctaaa	180
acctgcttta	taacacacag	ttgactcttg	aacaatacag	gttcgaaactg	catgagtcca	240
cttatatgca	ctgttttttc	aataaatata	gcgagagtct	tttggaatt	tatgacaatt	300
tgaagggaact	gtcagatgga	ccacatatgg	taaaaatatc	ataagaatta	ctaaag	356

<210> 1550

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1550

cgttgctgtc	gcctaaggta	gcaaaactag	tagctggaag	agccaaaatt	tgaactcaga	60
tctctctggc	cctactaaat	gcatcaccat	aaattatttc	atgggcaatc	tttccctgca	120
ccttaattga	tttatttctg	ccaaatgtat	gtgttcctag	atctttatgg	aatattctga	180
catgggaatg	cccccaggct	tgtgaggact	ggcttctctg	gggttgatc	aatagatgaa	240
ggaaaatttt	gcagttgttt	atacagtttg	gggggttgag	gtggtacaat	ttgcacattt	300
ttgttccttt	catagcaaat	tcttcagttt	tctttgatga	ggccaagcaa	taaatttttt	360
cctttctttac	gagcaaatat	t				381

<210> 1551

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1551

ggcacgaggg	gaacgtggct	ttccctgcag	agccgggtgtc	tccgcctgcg	tccctgctgc	60
agcaaccgga	gctggagtcg	gatcccgaac	gcaccctcgc	catggactcg	gccctcagcg	120
atccgcataa	cggcagtgcc	gaggcaggcg	gccccaccaa	cagcactacg	cggccgcctt	180
ccacgcccga	gggcatcgcg	ctggcctacg	gcagcctcct	gctcatggcg	ctgctgcccc	240
tcttcttcgg	cgccctgcgc	tccgtacgct	gcgccgcg	caagaatgct	tcagacatgc	300
ctgaaacaat	caccagccgg	gatgccgccc	gcttccccat	catcgccagc	tgacactct	360
tggggctcta	cctcttt					377

<210> 1552

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 1552

cgttgctgtc	ggagattgat	agaggcagaa	aggaagcgga	ttgctcagat	gcgccagcag	60
cagctagaat	cggagcagtt	tctgtttttc	gaagatcaac	tcaagaagca	agagtttagcc	120

cgagggtcaaa	tgcgaagtca	gcaaacctca	gggctgtcag	agcagattga	tgggagcgct	180
ttgtcctgct	tttccacaca	ccagaacaat	tccttgctga	atgtatttgc	agatcaacct	240
aataaaagtg	atgcaaccaa	ttatgctagc	cactctcctc	ctgtaaacag	ggccttaacg	300
ccagctgcta	ctctaagtgc	tgttcagaat	ttagtggttg	aaggactgcg	atgtgtagtt	360
ttgccagaag	atcttttgcca	caaatttctg	caactgn			397

<210> 1553

<211> 396

<212> DNA

<213> Homo sapiens

<400> 1553

cgttgctgtc	ggaggaagga	gattctggcc	aagctggaga	agctgcggaa	agtaacaggc	60
aacgagatgc	tgggcctcga	ggagggggac	cttgaagacg	acttcgaccc	tgccagcac	120
gaccagctca	tgcagaagtg	ctttggggac	gagtactacg	gggccgtgga	ggaggagaag	180
ccacaatttg	aggaagaaga	agggcttgaa	gacgactgga	actgggacac	gtgggacggg	240
cctgagcagg	agggagactg	gagccagcag	gagctgcact	gtgaggaccc	caacttcaac	300
atggacgccg	actacgaccc	cagccagccg	aggaagaaaa	agcgcgaggc	ccccttgacg	360
ggcaagaaga	agcgcaagtc	gcccttcgtc	gcgggc			396

<210> 1554

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1554

cgttgctgtc	gccaatgtgc	ccttcctggt	ggccctggcg	ctcctgagct	ccgtcctggt	60
gggccttgct	ctgggtcccc	gectcctgca	ggggccgctg	gcgctgagga	acatcaactga	120
caccggcttc	aagctgctgc	tgctgggtct	ggtcaccctc	aacttcgtgg	gggccttcat	180
gctggagagc	gtgctagacc	agtgcctccc	cgctgcctg	cgccgcctcc	ggcccaagcg	240
ggcctccaag	aagcgcttca	agcagctgga	acgagagctg	gccgagcagc	cctggccacc	300
gctgccccgc	ggccccctga	ggtagtgcag	gcccacgggc	accccagaca	ctggaactcc	360
ctgcctctga	gccaccaact	ggaccn				386

<210> 1555

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1555

ggcacgaggc	aagctagggg	ttcggcccc	tgccctctggg	caggaaacct	tctggcgaat	60
tccagccaag	ctgagtccta	cccagctccg	gagggcagca	gcttctttga	gtcaaccaga	120
ggaggaacag	aagctgcagc	cagagctgca	gcctaaagtc	cctggagagc	aaggctctga	180
tgaggagcac	tgtaaagagc	accgagcaca	agccctgagg	gccctcttgc	tagccacaaa	240
gaagaaagcg	ggcctggcat	ccccagagga	ggaagacgct	gttggtaaaag	agccgctgaa	300
ggcagcacc	aagaaacgac	aattgctgga	cagcagcag	gaacaggaag	aagatgaggg	360
caggaacaga	gcaccagagt	tgggagctcc	an			392

<210> 1556  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 1556  
 ctgactttcc ttatcaacat cccagaaaagt cttcagcttt aataatgctt cgccttcctt 60  
 gcttttctag aatcatattc taaaaagaca aagcaaaaca gataaaccag tgtccctaata 120  
 acaatatatt cattttaaacc attctaaca cttgggatgc tctgatactt ggtcttattt 180  
 ttctaactct cttatattta ccatcaaaaag tatatgtgtt gagcatggta ctagtataaa 240  
 aagcacatag accaatggaa c 261

<210> 1557  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1557  
 tacggctccg agacgacgac agaagggctg aaggaaaaac agatccctcc ttcttgtttg 60  
 actttgtata gaatgaattt taatgtaact gagcccacct ttagtatagc tttttctcat 120  
 tataaataga agtgggtgcc agtattcttg cttgcctttt aaaatagcaa acatttagtg 180  
 ataaaaatct tgttctgttc tctgtatgtc agtttattca tctgtaaagt agagacaata 240  
 atagcatcta tttattacaa gcaattgtta aaattaaaaa caggctgggc gcggtggctc 300  
 ccgctgcaa tcccagcact ctgggaggcc a 331

<210> 1558  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1558  
 caggctccgaa gttggacca ctattcctct ggggcaaact gacattggct tgattgggca 60  
 tgggtggctaa ggctggctt tatagcactc cgttatgacc tggaatgtgc atcacttcaa 120  
 caacagatgc attcatctta cgggtccaaca tgaggaagac gtgtgtcatg ttaaatacaa 180  
 aaattatcct ggcgtgggtg cacatacctg cgatcccagc tactcaagag gctgaggcag 240  
 gagaatcact tgaacccagg aggcagaggc tgcagtgagc caagattgca ccactgcact 300  
 ccagtctggg cgacagagag agagagactg tctca 335

<210> 1559  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<400> 1559  
 taccgctgcg agaatacgac agaagggaaa ctatctgaac tggctttatt cactcttcag 60  
 catatttaag ttggatttca acctctgtca ttccactgaa atcactcttg tcaacaacct 120  
 tcatgttgct aaattcaaaa cacagtcttc tgtcctccgt gctcattttt tcaacagtcc 180  
 ctgcttgccc tttaaaggac ttcttttctc tcagttaccc ttttaggtat tgtcatagtc 240  
 ctctggtctc tcatgagcag gatttggcag ctcttctgtat tctatcagtt cgccaaatag 300  
 atatttgaga tgacatcaca agttctcttg tctttctact tattttaaaa gatggatatc 360  
 acacattttt t 371

<210> 1560  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 1560  
 gcactacaca tagttatttc tgaaaagaaa tcagtatgta aatagaaatc caacagaaat 60  
 gatagggtgta ctatcaattc tttattggtg gggtcgaaag caatcacttg aggttaaaag 120  
 ataattttaa aatattaata ttctcatatt tactattttg gtcccaatgc atgtgtatac 180  
 caaaatagta atatgtagca cacatgattt aattgctctt ttcaaaaaca cttaaaagga 240  
 atctatgttt aaagaatatt cacataatca tacaggcatg gtggctcact cctgtaatcc 300  
 cagcactttg ggaggccgaa gtgggtggat n 331

<210> 1561  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(338)  
 <223> n = A,T,C or G

<400> 1561  
 acaagggttaa ggaattagtg tgctaattgt ctctgcttac aaagtgggaa gtcagttggc 60  
 tttctagggg ggctgggaca aaatatgaga ctttaagcatg ttgattaaag atacagaggt 120  
 gaccagttaga agaactaaga atagtgatgt cactatgggg gagaggggta gatgagctaa 180  
 attcttgtct ttcatagcag taggttaaaa gtaaatgtcc aaagctgatt agtaagaaat 240  
 agcagttgag ggcacggtgg ctcatgctg taatcccage actttgggag gctgaggcag 300  
 gtggatcacc tgagttcagg agttgagact aacctggn 338

<210> 1562  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 1562  
 gatatctgaa aaggagggtta atcgatagct ttacatagat acaactgctt taccctttca 60  
 aaagcagata cgtcaatcaa aacttgatat ttatttatct atatttatgc tgagttccct 120  
 taaaatgttt tgtctttttc catataacca atcatattat ttccataaaa taaacttagg 180  
 tattgtcaca gggatagtaa ctctgcttt ccatattgtg tgtgtgtgta ttttgttttg 240  
 tttcggtttt ttgagatgga gtctcactct gtcgctaggg tggagtacag tggcgctatc 300  
 ttggctggga ttacaggtgt gagccacggc gccagcctg tcn 343

<210> 1563  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 1563  
 agaatcccag aagagaaatg gaaatcataa gagaaacaaa ttgaaattct agaactgaaa 60

atataatatc	agaaaagaaa	aaaaaattac	tcaatggaaa	ttagagatga	ttagacactt	120
cgaaagaaa	tatcagtctc	actcacactg	agaacagag	aataaaagat	agaaaatatt	180
aaccagactg	cagagaactg	tgggacaata	gcaagctgac	tgaaatatgt	gtgattgaaa	240
taccagaaa	aaaagagaga	gagagagcat	gaagtataat	atttttaaaa	gaaataggat	300
ttttaggccg	ggcgtggtgg	cttacaccta	taatcccagc	actt		344

<210> 1564

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1564

ctcgacccca	cgtcacgcct	tctagaaccc	tccacctcag	gccgctcggg	ggcatgccgg	60
gatttggtgt	gtgtagaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttccgg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaaagta	tgacctaggt	tcaaactctc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataga	gttgatgtgc	ggagtacatg	300
aattttaaaca	tctagagcca	gggcagggcg	gt			332

<210> 1565

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1565

ttctaattag	tagaaataag	ggctaaggaa	tctttggatc	actgaaatct	aactattctt	60
taattgaaat	gtgggtatgt	ttctgactta	tagtaagaac	taaaatgaat	tctattttatt	120
ctcaagttag	agcaaaagaga	aaaattttta	atggcataat	aaagagctta	taaaacaaaa	180
tatgaggatt	ttggaaaatc	atttattgaa	atagtactag	gatattttaga	agtattttaga	240
agcttaaat	aattggcttt	tctttatgac	attatctcta	ttacgataat	attatattat	300
tttttaataa	aggccctaata	ggaaatctca	aataggggtg	gtt		343

<210> 1566

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1566

cgttgctgtc	gatagagagg	agataacttt	actaaaatca	tacaacacag	aattagatta	60
atcctagcag	agctaattctc	agacctttac	tcagactttt	tctgtagctt	tagtctagaa	120
gttggcaatt	catctattat	ttgtcactga	ttcctagcat	gatttgtagc	aaattcttta	180
ttcttattgt	gcctcagatt	ctacctatat	aaaatatatg	tgacttaaaa	tattcataaa	240
gataataaga	acaacttcaa	tttctatttt	atttttactt	acaatagttt	tcactttcac	300
atacattacc	ctacttaatt	ttccccatat	tatggatgag	gaagttaaag	ctctatgtgg	360
tagatgtcac	atcca					375

<210> 1567

<211> 141

<212> DNA

<213> Homo sapiens

<400> 1567

gaggaattaa	gtgagtaaaa	aaggcaagct	acagagtggg	agaggatatc	aaggatacat	60
gtatctgaca	aataatttat	acagaatata	tttttaaact	ctcaaaaaatc	aatacacaaa	120
agacaagcta	ccctccaaaa	c				141

<210> 1568



<211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 1568  
 tcctcaaata tcttcttgtc ctggaagcct aaagtgactc cctacacaga gggagtagaa 60  
 ctgtcttgtg gtttctcaag cacagctctc tattttaatg catatatgaa gctgtctttc 120  
 atctgtgcag atgtttgctc tgccagactg tgagctcctt gaagggtggg attttgtctg 180  
 gttgtttttt ccccagaata agaatgctgg gtatatacat gtctagataa tggtttagat 240  
 ggatggatag atggtgaatg aatggatgag tatatgtatg ggggggtata aggaagggcc 300  
 tcgttttttc tgccggaaac acactct 327

<210> 1569  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 1569  
 gcctctcact cataggaggg gcccaggaaa gagggaggag gcaagaaggg gaaggagcac 60  
 aaggagtgtg ggtgaggggt gtaaccatga gggcaggcag ggggcaggac ggaaggcagg 120  
 agggcctggc caggggaggg ctgaggagga tgagcaggag gcgagaggag acagactatg 180  
 aggcagagg gagaccctca cctgagaatc tccttttagcg tgcgggtgcag gaatgcataa 240  
 ttgtcatcga atttgtacca aggcataaat ggctgacctt cactgtacac aaagtttttc 300  
 cagcagtatg caaattctga gacgaagagg caggaagcag tcag 344

<210> 1570  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 1570  
 agtcatataa cccaactatt taagtaatta tcaagttgct tcacttctat gtgccttaaa 60  
 ttctcgtttt gtttaatgag gggtataaca acactgacct cataagggca ttctgaagat 120  
 tagatgaatt tatacgtagg tagtaattaa aacagttttt agtacacaga aaagtactta 180  
 gtaattttta gctgttatta ttactagaag ttcattcttt tgttcattaa ttcagaggc 240  
 acaggtgcct ttctcgggtg ttggcataca taaaacacca taataaatga gagtccatat 300  
 tcttatgcag agtgagaaga a 321

<210> 1571  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(345)  
 <223> n = A,T,C or G

<400> 1571  
 tacggttgtt atagacgaca caaaggatca ttaaattaca ttttaaaatg ttaacaacta 60  
 caagcagata catctgggat attgggttatg agaggatatc attttctttt cttaccataa 120  
 ataaatatta tttattttat tgaaattgtg cttttaagaa tgctatagaa aattcaaaag 180  
 gaggacaggg gcagtggctc atgcctgtaa tcccagcact ttgggaggcc gaggcagggtg 240  
 gatcacctga ggtcaggaat tctaaacctt gccagtatgg gtgaaacccc gtctctacta 300  
 aaaaatacaa aaagttacca ggcttggtgg catgcccctg tagan 345

<210> 1572

<211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1572  
 gtagtcctag ctattcatca agctgagggtg ggaggattgc ttgagcctga aagggtcaagg 60  
 ctgtagtgag tcatgatcat gccactgcac tccagcctgg gtgacacagc aagaccctgt 120  
 ctcaaaaaaa taaaaaatta actaaataat tttttctcag ttttaattcc taatataaac 180  
 accaatagat ataacaaact gaaacaaaag ttcttttaggg tgcccaataa tttttaagtg 240  
 tgtaagggga ttgtataacc aaaatatctg agaagcatta acttaaaact aataaaggag 300  
 aaagacttta tta 313

<210> 1573  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 1573  
 gttagttaaac ataccattat aatagcaatc ataaagggtcc caagaaataa atctgacagc 60  
 tgtatcaaat atttgaggaa aaatgaacct ttattaaaat cgttaaataa tacttaataa 120  
 tagataaatc tggtattgaa aggaaggcaa tggtataaaa attcagtctt cccaaattaa 180  
 tctataaatt cccactcaaa ataagtttga tcttgacaga gtgatttttt ttttcttttt 240  
 ttttttttaa aagggagtct gactttgccc cccaggcgga agggcagggg aacaaccacg 300  
 cttaaatgaa gtg 313

<210> 1574  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1574  
 ccctgcatgc ctcctcatcg gcagttgaga cccactgct gcctgctcct tcccattcca 60  
 ttgcggggac ctggacttga tctagccctg tctgggtggac acacttttgt aggtgccagg 120  
 agggagggaat ctgctcctcc tttctgcccc cgacagcccc cagccccagt ggccactcac 180  
 tcccagcatg ccttgagct gcctgagtgg gagactgtgg tggactcgga gctggggcag 240  
 ggaggacaag cttcttctgg aagggcaatg ggagaggggt gacctggtct ttcacggtgg 300  
 tgtcaaggac catagagcca ggccac 326

<210> 1575  
 <211> 314  
 <212> DNA  
 <213> Homo sapiens

<400> 1575  
 gttcaaactc ggtctccac atgttagcta agagacctac aaattatggt atgttacctc 60  
 tctgtatctc agtcttctca tctggtaaat taagctcaat aaggacagag actttgttta 120  
 ctgtcataaa tatcatcagc acctagaaac atttggtgta ctgaatgaat acctgtgcag 180  
 tgaatgaagg gaagaaatat ttcataaatg ttgtggtaag attcacgtga gttaaaacat 240  
 ataaagcact aagaatagcc atggcacaag aaatgctcca ttaatggtaa ttattattat 300  
 ttcagcaggc aagg 314

<210> 1576  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 1576

ggaagttggg	tcatatccat	gaatctgttt	ctgcctagtt	aatatgtaaa	ctttgacgga	60
aatacttttac	gaaaaatttg	atgtaacgct	atttcaattt	ttagatacaa	ccatttttaa	120
aatttgaata	ccacccaaaa	cccgatgaaa	tggattaggg	aaagataaaa	aaacaaaaca	180
ctaacaaaat	acttgactca	tctcacactt	tatagcccaa	gaaggcttta	agtaaataag	240
gtgtaccatg	ttttatgtaa	aggtcgggg	tatgacagaa	acacagtgtc	ccagctgac	300
tcatagatat	caaacagacc	tt				322

<210> 1577

<211> 316

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(316)

<223> n = A,T,C or G

<400> 1577

catgttcttt	ttgccactaa	gcagcgtggc	ccacagcagt	ctcagtatcc	gctacgccct	60
agtctgtcca	tctgtgagat	gaagatgaga	gaaattgcca	caggaccttg	tagtgcacta	120
acagcttga	gttttttagc	catgtaaaga	attaaaatga	ggatcatctc	tttatcataa	180
gattgcctcc	tcttgtaaag	taagtcactg	aataagaaat	gatttaccac	agacaagcaa	240
atgctgagag	attttgtcac	caccaggcct	gccctaaaag	agttcctgaa	ggaagcacta	300
aacatggaga	ggaacn					316

<210> 1578

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 1578

cacaggatcc	agggaaaaaa	aacaaccaaa	taatacttga	aggtaagtcc	caagatgtca	60
gctatgaagt	aagcagtcag	tccagattgg	agcagaagat	tggaagggtt	caggggggact	120
gcttccaggg	aaaaataaaa	atgataaatt	attattttca	ttttccatgc	aacaaatatc	180
tacggagaat	atattatgct	ttgagcctgt	tagaggcact	caggctatag	ttatgaacaa	240
aattaagttt	ctgacttctt	gaaatttacc	ttctactgaa	acttanagtt	t	291

<210> 1579

<211> 134

<212> DNA

<213> Homo sapiens

<400> 1579

gagggtaaga	ggggagccag	gagtgggaag	ctggggaagc	cagagcagca	gaggctggag	60
caaatcccgt	gggaaagaac	caggaatggg	tggttcctga	gggagtggct	caaacaccct	120
cgcagggggg	tggg					134

<210> 1580

<211> 320

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(320)  
 <223> n = A,T,C or G

<400> 1580  
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 tacacatgga tattggaaaa tactataaat cagaactatt cctggttaat atgactacat 120  
 atgaagacca aagcacagta aggggttctg ttgttagaca aaatcaaaca aaagggaaat 180  
 gttttttgac ataaactata gaataagaag atatgaaaca aacataaata tacattgcat 240  
 ataataacaa ttattattac tttttttgag aaggagtctc gctcttgctg cccaggctgg 300  
 agtcagtggt cgcacgactn 320

<210> 1581  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1581  
 tcaactgggcc ttaggtgact ggaggcctgg ggtctggcgg ggccagaagg attaggcctt 60  
 caggtggcca aggagacctg gtagccagct tcaggacaac tggaagtga caggtgatga 120  
 ggtgggactc tggactgagt ccagccagaa tccccagtt cttggaatag aggtggtagg 180  
 gtggccagct aggatgcccg acaattccca gcaggctctg ctctgcctgt cacagcagac 240  
 agacatggcc agctgaaatg gcacctgcca attgggattg aaaaataaaa atctggccaa 300  
 gcgcagtggc tcgctcatgc ctgt 324

<210> 1582  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 1582  
 tggggattgg gttaacgtat ataaaatatt agatggtggt aagaagagct aataagtgtt 60  
 tgctaaatat ataagcccag ggccagcctg gcttccctct catcctcctc ctgctcacct 120  
 ggccctggacc ccaacctctc ccctagcact gagctcactg cccagggtccc acagcagcac 180  
 tccaggcctg gactatttct acagccatct ctctgcacct gtctttgtcc gttgctgcag 240  
 ctacaacaaa atatcatata ttgggtgctc tggccaggcg cggtggctca cgctgtaat 300  
 ccca 304

<210> 1583  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 1583  
 ggaaaagtag tggtggggga tttgctatat gagaagtcaa agcatactga aatgctgcag 60  
 taatataaat ggtgaacaca agaatagaca gattgacgcc tggagcaaag tagaatccag 120  
 taacagaccc atttttatat cagaatttag tatatgataa agttgggtgt ttgcaacagt 180  
 tgggaaatta taattcagtg tggtgtatag ggataaatgg ctctttattt agaaagaaag 240  
 atcctacttc acattcaaaa taacttagat ggattaagga actaactaaa aaaacctata 300  
 aaagcattag aagga 315

<210> 1584  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<400> 1584  
 tacagacaca aatgaatgaa gagacctgcc ttatggaggg ggaagagtgc tccagtctgt 60  
 gggaacagca ggcaggaaga ccttcaggca ggaacatgct tgactcttcc atctgagggg 120  
 cagaaatggg ggccttatga ttgaagcccg tgaccaggga gtgggtatta gcaggaaatc 180  
 caatgagaag ggtaaccagg agccttcctt ttctcttcat aaaaatttgt aggattgtca 240  
 ccagaaatgg ggctgatcc agatcccaag 270

<210> 1585  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1585  
 tattcctgtt ttgagacaaa agatcgctct gatgcccagg ctgccattat tgggtggctta 60  
 atttgcttac attaaaggaa tgactatatg ttgtggctaa aactacctac tttaacgact 120  
 gaaaaaccaa acattctttg caaaaccatg tatgataaag aaggtaaaaa catttttcat 180  
 tttctagaca cttaaagaca ctgaatttaa agcagattaa gtagcaaaaa cattgtcagt 240  
 aaaaatattg ctgaatagga catgatgagg tagttattat tcaaatcact gatggagact 300  
 acacacacat atagttataa agacacatgg tactgg 336

<210> 1586  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 1586  
 tctacaattg tgtgggtacta ccttttatatt gagctctttg ctgatattta ttatataatt 60  
 tattataaac aataattcat aattttatag ttcacatct gatggtgttc accttcatta 120  
 aagactacat aagtctaaat tctaaagaaa gttgcatgca gcatctcatg cctatagtcc 180  
 cagcaatttg ggaggctgag gtgggaggat cacttcagcc caggagtgtg agaccagcct 240  
 ggacaagata gtgagacctc catctctaaa ataaaaaaaa caatagccag gcatgctggc 300  
 gtgtgcccgt ggtcccaact acttatgagg ctgaggtggg atgatctctt aaccctaaga 360  
 gtccaaggct acaatg 376

<210> 1587  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 1587  
 cggtgctgtc gagccaactc ctttctcccg agcctgctgg cagatcctcc cccacctctc 60  
 cgcaggagtt cccctcctag gctgggagca tcccgtgcag ggtaaatctt ttcaagccac 120  
 caactgctgt ccccaaggaa atggtgtccg aaaaatccca ccttggcaac cccagggagc 180  
 ctgtgcagga ggagcccaag accgcctcc tgagtatgac agtccggaga ggccccagga 240  
 gagagctggg tgttaaaaag agcctgggca ggccaggcac ggtgactcac gtctgtaatc 300  
 ccagcacttt ggaaggccga ggcgggtaaa tcacctgagg ttgggagttc aagaccagcc 360  
 tgaccaacat ggagaaaccc catctctact aaaaatacaa aa 402

<210> 1588  
 <211> 395  
 <212> DNA  
 <213> Homo sapiens

<400> 1588  
 cggtgctgtc gcctttctcc cgagcctgct ggcagatcct cccccacctc tccgcaggag 60  
 ttcccctcct aggtctggag catcccgtgc agggtaaatc ttttcaagcc accaactgct 120  
 gtccccaagg aaatgggtgc cgaaaaatcc caccttggca acccccagga gcctgtgcag 180

gaggagccca	agacccgcct	cctgagtatg	acagtccgga	gaggcccacg	gagagagctg	240
gttggttaaaa	agagcctggg	caggccaggc	acggtgactc	acgtctgtaa	ccccagcaact	300
ttggaaggcc	gaggcgggta	aatcacctga	ggttgggagt	tcaagaccag	cctgaccaac	360
atggagaaac	cccatctcta	ctaaaaatac	aaaaa			395

<210> 1589  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 1589						
cgttgctgtc	ggggagcacg	ttacgtccgg	acgcgtcggg	ggtagggctg	ggtctccgaa	60
cctgaaaccg	ggagcttcct	gctcgtgttc	gctgttgaga	agctacccgc	ggggttgtag	120
acttcggacc	tcatggcaga	gataattcag	gaacgcatag	aagatcggct	cccgaattg	180
gaacagctgg	agcgattgg	actgttcagt	catgcccaga	ttaaggctat	cattaagaag	240
gcttccgac	tagagtacaa	aatccagaga	agaacccttt	tcaaggaaga	ctttatcaat	300
tatgttcaat	atgaaattaa	tcttttgagg	ctgatccaga	gaagaagaac	acgcattgga	360
tattcattta	agaaggatga	gatn				384

<210> 1590  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 1590						
ctataatata	gctacttgtc	ttttgcccgt	acatcgattc	gaattcggca	cgagcacaca	60
cacattttaca	cacgcaggac	tctggagcca	gagtagaggc	tgtggcccag	gcactacctg	120
ctggctccca	cctatggttt	gggggcccata	cctgttccag	ctctgttccc	aggggtggggc	180
agggaggtgg	gggttggggg	agtantgnnn	nnctttttnt	tntattcttt	tccctttgtg	240
ttttacgttt	tgacttacat	ctcatccctg	attggctcgc	tcatatcttt	aaactggtgt	300
tgttatcacg	tgctgcgtat	caactgacct	tcatactcgc	ctctacctgt	cctctctctc	360
tctcgtatta	atagtttttt	tttttctaga	atcttctgta	aatccgaggt	tatgatctgg	420
gtatgctcac	tatgacc					437

<210> 1591  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 1591						
ggcacgagca	gggaccaaga	tggatcttct	cctcgacatc	agctaagcct	ggaggactct	60
ttccctcaga	gaccatggag	agggacagcc	acgggaatgc	atctccagca	agaacacctt	120
cagctggagc	atctccagcc	caggcatctc	cagctgggac	acctccaggc	cgggcatctc	180
cagcccaggc	atctccagcc	caggcatctc	cagctgtgac	acctccgggc	cgggcatcta	240
cagcccaggc	atctacagct	ggtacacctc	cagcccgggc	atctccaggc	cgggcatttc	300
cagcccaggc	atctccagcc	caggcatctc	cagcccgggc	atctccggct	ctggcatcac	360
tttccaggtc	ctcatccggc	aggtcatcat	ccgccaggtc	agcctcgggtg	acaacctccc	420

caaccagaga gtaccttggg agaacaaccg

450

<210> 1592

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1592

gggagggcct	attctcacgt	ggatggagga	gggtaatggg	acccacccaa	gtggggcata	60
ggacccccaa	gactctatgg	ctttcactca	ccattcattg	cctatctctt	caccaacctg	120
agtcacttct	tagtttcatg	tttctttcta	tatctctgag	attataacat	agctgacaag	180
ttcaatgaag	tcttactaag	ggtagtatta	gtattgtgct	caacagttga	cctggagcat	240
ctttcttaat	cctttgagag	gtgctgtgat	tgtctccact	gtccaggaaa	gaaaactgaa	300
gattaaaaag	gttttgggcc	tggcatgggg	gtcatg			336

<210> 1593

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 1593

cggtgctgtc	ggccagggtg	gacttccggc	tccgtccttt	gataactgtg	tgtctttggg	60
caaatttctt	aacttgacag	ttcttgtag	gataacatga	gttaattgag	ggcacttaac	120
actacctggc	acagattaag	ctcatctgaa	gtgggagctg	ttacttaggg	gcgtttgcct	180
agaacacagg	gtccagaggc	tctctcccg	aaacttagac	ccagtgagtc	agaagtgagg	240
cctgcaaaaa	gcagcaggag	tgggggttaag	aattccagcc	tagggctgga	tgcggtggct	300
caggcctgta	atcccagtac	tttgggaggc	ccgaatggga	ggatggcttg	aggccaggag	360
ttccagacca	gcn					373

<210> 1594

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 1594

accaatgggg	gggggagaga	caattacttt	acaaaaataa	aatgtaaac	tttctgcctt	60
taatgtttag	tgcttaacca	ccaatctctg	ctcctgtctg	taaaagtcag	acttcattaa	120
ttttgctgac	acagtaagtt	ctcatggaaa	atagtgacaa	cagccagcaa	tgtgaatagt	180
tacatcttgg	ctctgtaaat	atcaaaacag	actttgctaa	gcagaaatca	atagacactc	240
gatcaaatag	tctggttcta	tttttttatt	tttattttaa	tttttttgag	atggagcctt	300
gctctgtcgc	cccagatgga	gtgcnnngnn	nnnntctcgg	gtccactgc		349

<210> 1595

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1595  
aggcacctga gagtcacttc tgggcagaaa gacaaacaca tgaatacaag ccataaatga 60  
aaagaatcaa ccagttacac cattaaaaat gtctgaatat aatgccagtt tctacgagtg 120  
tggaggggtgc atctctgaga tgggtgaattt cttccacact aaaagcaggg tgacctagga 180  
ggaattcgta gtgtcctttc acttattttc agacaggctc aagattactt tcaataaata 240  
agtataattg ttcataattt gaagaatgta cttacctgat gacatgactt taaatgtcaa 300  
aaagctaaaa gatcacacac caacaccg 328

<210> 1596  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 1596  
cttcgtgacc tggactgaaa acattttcaa gttctctatt tcgggtcaata cagcccccttt 60  
aataattccc caaagcatct cccctttccg cctgtgtact gactctcttg cacacgtttt 120  
gtattcccac agatcacaaa atcacaaagc accggagctg gaagaatctt aagagataat 180  
ccaaggccag gagcgggtggc tcacgcctgt aatccccacca ctttggggagg ccaaggcggg 240  
tgggattacc tgagggtcagg agttcaagac cagcctggcc aacatggaga aaaccgcgct 300  
ctactaaaaa aacagaagtt aaccccgct cggcccg 338

<210> 1597  
<211> 355  
<212> DNA  
<213> Homo sapiens

<400> 1597  
gtcattttat ccattcacct tttaggacac tttggttgct aacagtgttt tgcaactatg 60  
aatatagctg ttatcttact cttttttaa atgcacttta ggtgtactca ttccttaggt 120  
tgagtacacc taaagtgcct tttagatata ctaatcatct ctgtttctgt aatgtcatta 180  
tcattaaaaa catctcattg tgttatatat atatgctcat aattcttttt ttcttgtagt 240  
caactgtaaa tctcttaagg acttagacca tgtctaatac atctgtgtat tcttggtctc 300  
taaactggat ttcagagatt attttttagct gaatgaattt gccaggcagt gtatg 355

<210> 1598  
<211> 329  
<212> DNA  
<213> Homo sapiens

<400> 1598  
atttacaata agttttacaat ttacaataaa gctttaaaag aacaacaaaa aattaaatat 60  
acctctattg cttgtacgtt tttctacttt tgatagaaac atggacatat taaatatttc 120  
acttttaact ctagtataag aaagtcaata atgcaagagt gatgataaag agcaactctc 180  
acttggcatc atgatcaggg agcaataggg agtgggtgac tgccggtgacc taaagcatac 240  
aagccttgct taaagtgaac agctgctctc agccctagct cataagtgcc acagagtcta 300  
caggcctaga cctgctgac cccagcatt 329

<210> 1599  
<211> 335  
<212> DNA  
<213> Homo sapiens

<400> 1599  
caaaacataa atgtattact caaaatgttt tatatagggg cacaagagtt ctttgactga 60  
agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120  
aaagtcttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180  
tcaaagagca gatggcagaa aggactatac cgaaatatat tttatttctg agcaccagca 240



taaaaacaag agaaaaaaa agaacagcca gaatacagag gtttttaggg ctattctaag	300
tgatactata ctgggtggaga catgtcatta tatat	335

<210> 1600  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 1600	
ctttcactac atattaaatg acactttata actaatataa taggacaatc atcaatgcat	60
atatagccag cccttcatat ctgtggggtt tgcattccagg attcaaccaa ggaggaattg	120
aaaa	124

<210> 1601  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 1601	
cggggttgat agggaaccag cgcattgaat atccttcctt tacattcatg gtactactcc	60
ctgatctcac tatgatgacg tagggcacag ccttacttaa tgcacacaga atggggctct	120
caagccaaat aggcgtctga acagactgga tctactagaa cagaaattct agggactgaa	180
ctttctgtga cacagagatg gctttttttt ttgagggtct cggtctgtca cccaggctgg	240
ggggtggcac aatcttgact cactgcaacc tccggctcct gggttcaagc cattctcctg	300
ccttagcctc ctgaatagct gggattacag atgtgcacca ccatccct	348

<210> 1602  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 1602	
atcgtatgaa ctacaactat taaaatgtga aatgcatgat gcaaatagtg cacaaaaaaa	60
tagagtgaat atgatgaata cagccataaa agacagccaa actccatttt agcaataaag	120
taaaatataa tctgctgtca ggggaaggta atttgaagta cttgagatgt tctttaattt	180
aaaaatccaa aaatattttt agcttttagtt actataaaac atgtttaagc attttccatt	240
tgaaataaaa ttttaatttc atgctttgtc agtttcccta aataaataga aaatagtaaa	300
atatcgcata ctanaaaaat caacttcttt ggtaata	337

<210> 1603  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 1603	
atctgataag attattttta ggacagaatg aagatttcct cttgaatgat ttgctctgcc	60
ctttatcaaa aagacatgtg tctgtccacc ttaacatttc tggataaaat ataccttgtc	120

ctttaaaaat	tactgcataa	cattaaaaatc	acgagcattg	ctatacatca	tcaacagtca	180
agccagagag	ccaaatcagg	aatgaactcc	cattcacaat	tgccacaaaa	agaatcaagt	240
acctaggaat	acagctaact	atggaggtga	aagatctcta	tgaggagacc	tacaaaccac	300
tgctcanaga	aatgagaaat	gacacaaata	attggaaaaa	cattccatgc	tcatgggn	358

<210> 1604

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1604

cgttgctgtc	ggtaagagaa	ggagaaggag	aagggattaa	gttttaccta	gtcacatagc	60
caatgtcaga	ttcctaacta	gtggccgggt	ccgtctgata	caatgatcac	tattctctca	120
tttatgggtg	agtcactgtg	tggcttcaac	cacagtggac	ctctctggac	ctaagtgcc	180
tcacttgtaa	attaaaagaa	ctgggttagg	gccaggcatg	gtggctcatg	cctgtaacca	240
cagcactttg	ggaggctgag	gcaggctcgg	cacttgagct	caggagtcca	agaacagcct	300
gggcaacgtg	gcaaaacccc	gtctctacca	aaaatacaaa	aaattagcca	gggtgcatgg	360
tgtacatctg	tggtcccagc	tactgggagg	ctgagggtgg	aggatcactt	aatccccg	417

<210> 1605

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1605

cttcatgacc	tggaactgaga	acattttcaa	gttctctatt	tcgggtcaata	cagccccctt	60
aataattccc	caaagcatct	cccccttccg	cctgtgctac	gactctcttg	cacacgtttt	120
gtattcccac	agatcacaaa	atcacaaagc	accggagctg	gaagaatctt	aagagataat	180
ccaaggccag	gagcgggtgg	tcacgcctgt	aatcccacca	ctttgggagg	ccaaggcggg	240
tgggattacc	tgaggtcagg	agttcaagac	cagcctggcc	aacatggtga	aaaccctgt	300
ctactaaaaa	tacaaaaatt	agccaagcct	cggccggaca	cagtgggtca	cgctgtcat	360
ctcagcactt	tcagaggcgg					379

<210> 1606

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1606

tacagttata	gccaggttgg	acttccggct	ccgtcctttg	ataactgtgt	gctcttgggc	60
aaatttctta	acttgcagg	tcttgtgagg	ataacatgag	ttaattgagg	gcacttaaca	120
ctacctggca	cagattaagc	tcactctgaag	tgggagctgt	tacttagggg	cgtttgctta	180
gaacacaggg	tccagaggct	ctctcccggg	aacttagacc	cagtgagtca	gaagtgaggc	240
ctgcaaaaag	cagcaggagt	gggggttaaga	attccagcct	agggctggat	gcgggtggctc	300
aggcctgtaa	tcccagtact	ttgggaggcc	cgaatgggag	gatggcttga	ggccaggagt	360
tccagaccag	cctgagcaac	at				382

<210> 1607

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1607

ttggactaga	gattgttgtt	acaagaactt	taaaaataaa	aaaataatta	aaaagactta	60
tttttctgta	tcattcttac	tggttcattt	gtttaatagg	acttaagaca	tgaaaaaatc	120
aaactagtaa	atttgcattc	atacttgctt	acctacttaa	atatatagaa	gtaatgcaga	180
tagtggtaaa	agtcttgagt	agttcaaaga	agtctaattg	aaatactgtg	gattaaaatt	240

ttatcttctta	ttatcttcttt	tttcagataa	ttactgattt	ttaaaatgtg	ttgattggcc	300
gggcgcggtg	gtccacgcct	gtaatcct				328

<210> 1608  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 1608						
tatctgccaa	aatttggttg	gtatatataa	cagcttttgg	agagattttc	actgctatgc	60
ttttctttct	tttatgcttt	gttatttgga	gttttaattt	ctcaaagat	cccttctttt	120
tagatttcaa	attataacct	atttcctgca	ccattgctga	cgcttggtga	tccatgtcag	180
aagtacttcc	aggtcagata	cattttctca	tatttcaatg	cagagaagca	gttgaatatt	240
aaaacttaaa	aaaagataat	gtttaatgtt	aaacttatga	tttactaaaa	taacatgttt	300
tttaatttca	ttgttcttca	ctaagttaat	agaaaaatga	atcttggtcg	ccgcgg	356

<210> 1609  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 1609						
cgctgctgtc	ggcctggatt	acatatttag	atcctatctc	tataaaaaat	caaaaattag	60
ccaggcatgg	cggggcatac	ctatagtcct	ggctatttgg	gaggctgagg	caggaggatt	120
gcttttagccc	tggaggctga	ggctgcagta	agccatgatt	gcgccactgc	actcagcccg	180
ggtgacaaaag	caagaccctg	tctcagaaaa	aaagaaaatt	catggccagt	taagacaaaa	240
tgctatgact	ttgaaattca	cagaaagaaa	taacagttta	cattacgtct	tcaggatttc	300
acgatagaaa	taatctctcg	aaaaacctga	atttcagaga	ttcttagact	ggctgccaaa	360
ggatgacact	agcg					374

<210> 1610  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 1610						
gatttttttg	tacctttctt	agggatatca	tagtttgaga	taccatgaaa	gatgttcagg	60
cagagccttt	tcaacgaaat	caccttgctg	tggctctcac	agagtctagt	taatagaagt	120
tttgactgg	ctgggtgtgg	tggctcactc	ccgtaatccc	agcacttttg	gaggctgaga	180
cgggcggatc	acttgagccc	aggagttcga	gaccagccct	ggcaatatgg	tgagttcttg	240
tctctacaga	aaacaacaat	ttacaaaaaa	taaataggca	tgggtggcaca	cccc	294

<210> 1611  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 1611						
gagactgtgc	cactgcactt	aagcctgggt	gacagagtaa	gactctgtct	cagacaatat	60
tgtgatgata	ttgttatttt	tgaaactttt	ataccgcaga	gaacagagag	agactgcgac	120
gtatataccc	tacaaagggc	tttttctctg	gtagagcctg	gaagggctag	aagtaaactt	180
ttaaaaattc	aagatagaat	cgtgatgagc	aagcctcatg	cacatgcatg	aggatggcta	240
ctaccaaaaa	ggcagaagat	aacaagtgtt	ggtgaggaag	cagagaaact	ggaactctca	300
tgcaagtggg	ttgagaaggt	aatatagtgc	agccgcggct	gggcgcagtg	gtccacgg	358

<210> 1612  
 <211> 377

<212> DNA  
<213> Homo sapiens

<400> 1612  
ggcattatgt ctttcagata ggatgatgct gattatgttt ggaaatagct aatctttcta 60  
agaattgaaa attgttttct acatttttca tccacttaca gatcaaagaa gaaatctgtt 120  
ttatatatgt caattttcct atagtggatt gtcttaaaat agagcacgtt tgatttacac 180  
cagatttatg ttgtgacatt agttacaaat ttggtaaaaa catttctaata tagagatgat 240  
caggtaaatac ttgacaactg ttgagtaact gctagtaatg ctcttgagat ttatttttta 300  
tttgatatca gatttataat tcaagtaaat atctgagtag aagctaatagc aaagagataa 360  
ttactatatt ctaaggg 377

<210> 1613  
<211> 355  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(355)  
<223> n = A,T,C or G

<400> 1613  
aatggcactt aatcacttaa actaatttaa attaaataat tggttattta aatcatcttt 60  
ttcatttatt ctctacttta tttgtttgtc ttccctgcct gaagggagga gctaactgca 120  
ttagaggtgt tgaaattcac cgtagatga tccctgggct agaattttaa aggatgtggg 180  
gatttatcag gtaggggaata tagaggcaag gaagatgtag gtgtatgtac tcattcgtat 240  
ttaacttgtc cagtttatta agtcatttga attttgtcag aagctagatc acttctagta 300  
gtttttaaca aagtaattct caaaaaccca aactattgat ttggtttgcc tcccn 355

<210> 1614  
<211> 401  
<212> DNA  
<213> Homo sapiens

<400> 1614  
cgttgtgtc ggtttgcttc aggatgtttg atttaaaaca gaggttcttc cctttccgga 60  
cagggtcaga atgacctggg ttctctccaa ggttggtgtac aagagctcca caccttctgt 120  
tcagaagacc aaggacagtg gcagatgcca tggcctgttg tgaagcgaag ttggaggagg 180  
gagaattcta caacagatgg tttcttgat atctggggcc tgtccagctc tagctttgaa 240  
aatgatgggc cagaccttga actggcatgg atacaggctt aagtgccaga acaggaagtg 300  
aggtcctagg gtgatgtctt tggggcagct gctgctactc agctggtggg ctggcaccgc 360  
tagctttggc ttctatgggt ttggtgagga gattgtgtgt g 401

<210> 1615  
<211> 387  
<212> DNA  
<213> Homo sapiens

<400> 1615  
tacggctgtt atatatacga cagaagggcc atacagtagg aggaggggta cctaaccctt 60  
cacaaacaac aacaaatgtg aaaagtcagt gacacactgg acagaagaaa cagtgagacc 120  
agcaggccat ttaatctaca ttattctctc caggctttta aaaataatta tgccatcatg 180  
tgctttttgc tgctattatg tcataattgc cttacatctc aaatcattaa ttaaaatgga 240  
ttttaagagt acggaattgg ctgacttaca agatcactta ttaatccgtg cccggatgtg 300  
ttgtttcttg cttacagaga cacccttgac cgttactctt tcgcggaatc gttcacaatg 360  
gcattcttac aacaacagga tatcgcg 387

<210> 1616  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(386)  
 <223> n = A,T,C or G

<400> 1616										
cgttgctgtc	ggcagaaatc	tacatggaaa	aagaaagtta	agagtcttcc	taatattctc					60
accgatgata	gatttaaagt	tatgtttgag	aaccttgact	tccaagtaga	tgaagagagt					120
gaagaattta	ggcttctgaa	tccacttggt	tcaaaaatta	gtgaaaaaag	gaagaagaaa					180
ctaagactct	tagagcaaca	agaacttcgt	gaaaaagaag	aggaggaaga	gccggaagga					240
aaaccaagt	atgcagaaag	ttcggagagt	tcagatgatg	aaaaagcctg	ggttgaagag					300
gtcaggaagc	aacgcagact	cctccagcag	gaggaaaaag	tgaagcggca	ggaacgactc					360
aaggaggacc	agcagacagt	cctaan								386

<210> 1617  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 1617										
cgttgctgtc	ggcccttaga	ttttggagac	atcaggcaga	tgtctccaaa	aatgattgtg					60
atcaagaatc	tgaattataa	gattcacagt	ctgctcccca	acccagtgtc	gccaaactgta					120
cagctgcgcc	tccacgaagg	ggcatatgcc	aggctcgtct	gaccctggaa	tgaggatgta					180
ggaagcaggg	agagctccgg	ttcagccctc	acaatgggac	tgaagcagga	gagaaggctg					240
ggcagaaggg	ctgtggggaa	gtagggcttg	tctccatgga	tgacgtccag	aaggatgtca					300
ggaggaggaa	tatcacagga	gttatagaca	ttggaggggaa	cagagactgg	cacaggacct					360
cttcattgca	ggaagatggg									380

<210> 1618  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(389)  
 <223> n = A,T,C or G

<400> 1618										
ccaggctggt	cttgaactcc	tgacctcaag	tgatccgccc	acctcagcct	ccaaagttag					60
ccaccgcacc	cggcctgtta	ctctattttc	tacttactat	ttacaactgt	cagaaggtaa					120
atgacaacct	gatttttggt	gctttttaag	tcacttatac	ctctcactag	tgatacacat					180
ctttttttatt	tcagaaaatg	ttttattata	attataacat	tttagtattt	gttcttttct					240
tttgcttttg	cttggttctt	tagaaccttc	tatttatgta	tttgatcttc	ttgaactggc					300
ttctatggta	gtctctttct	ctcaggactt	tttttttggt	ttgccacttt	cttcatttcc					360
atccaatttt	agaaattatc	ctcatttgn								389

<210> 1619  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1619  
gaggcaagct gcaagaagggc catgggggaca atgtgcagag caatgaagcc tcttgcccat 60  
agtgactgta cccgcgacct ggtggtgacc aggcaggcat ttgcacctgc tgggctccag 120  
agctccccctt ctttcttcac tcggtgacag caaaccaaga cttgggtcac atcatttctg 180  
ggtaagtatg cagagatgct gaaagaacag tgggagcaaa aagaacaata ttcttgaacg 240  
tcttctggtt tctctatgac ccttagaaaac ccaaagaaaa tttcacagta ggaaaataat 300  
ccattgcaca aactgtattt tttaaaggg 328

<210> 1620

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1620  
tacgcctgcg agaacacgac agaagggggt gtcagccacc cgcagtgctc tttctctgaa 60  
agtgggttgg aagactggct accatctggg tgcgaggaat cattagcagc gaggccaagt 120  
ttgaggagcc tgagaggagc tgtgcgccaa gaggagggtt tttcttttcc gagaatccag 180  
agggcccttat tatctgcttg ctttctcagc tgaaccttg cccccggatc ccccgcaaa 240  
gccctctgag gccgattttg tattcatctt gtgattgatc cttcagatat ctgaacgggtg 300  
cgatcctcgg tcccggtgtg aatcactatt ctccctcata gcctcgttct ccttaacgct 360  
tcctcatcta cggtg 374

<210> 1621

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1621  
ctttgtttca aaaagcttat cccatctcta agaataacag tggtaacaac acaaaatatt 60  
gttttaaaag gaagaaacaa atctaaacaa gaagttoctt actgcctata aaatctgaaa 120  
ctttcttttt ttttttttta gaaaaggggt ttcttttttg cccccagggg gggaagaatt 180  
ggggtaattt caaataattg taaatcactc ctccgggtac cccccattt tccggcacat 240  
ttccccgttt tatttttagga caaaagcacg ccccccttc caccaaatat ttttggcggg 300  
gctcatacac cacacgggctc atgtaacaac ctccgcatta tttataacat ttatcttgtg 360  
ttagca 366

<210> 1622

<211> 349

<212> DNA

<213> Homo sapiens

<400> 1622  
accagtgagc catgctgctc ctttaaataa aatgaggggt ttggaagaga aaatgaagag 60  
aaatccttgg gaaatttgag agaaatgagt aaagaaaaag aaaatatatc cttttaccag 120  
agttttcctt cttaaccctg acttggagtt gctctttgct ctggaggaga gctctagatg 180  
ggctgggaga tttggatctc acttgcagta tttctcaaaa gcagctgtgc aaaccagggc 240  
aagtcattct gcctctttgg gtgacaattt cctcccttga aaagtgaata tgatgtctcc 300  
ctgtctgtcc tatcagtggg taaggaaaaat cagatgaaat gatgggtac 349

<210> 1623

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1623  
gttcatatac aggaatcaaa tcacattgac acacatagtc actttgtcct atttaaattc 60

tcttttaatt	cttttagatta	catagagaag	aaagactcag	tttgetgcta	gtatttcctt	120
aaaacatctc	aactctctct	ctctccctct	tgaacagagc	aaaggccagc	tctgattcag	180
aattctcagc	tagcaacagt	atctagctac	aatttaacaa	catcgtctgg	gaatgggata	240
tatttttata	tttatcttct	atdddggcaa	atgatactgg	atttccattt	atagtaatga	300
tataaagttt	ccttaataaa	tgcattttatc	taagtcaata	attgg		345

<210> 1624

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1624

ttgtaaaacc	tgggaaggaca	aggtttgggc	atggcatcag	agctgaatga	aagcttgcca	60
tcatgggtgta	ctggaaaggg	acagatacat	ggtgaatgcc	actgttctgg	actttgtgtt	120
cattggtaat	aaatgaagga	gctcaacttg	tttttgcaag	agggacattt	gcaataatta	180
atctagggac	agagagatac	tgtaaagatc	aatgattatg	atttgggatc	cggcctcaga	240
ttaaccaggg	ctcaaaactc	tcttctttct	cttaataaaa	gagagaatgt	actgactttt	300
cgaatgtact	cgccttaact	tcccagtatg	ttcttaatgt	ttaaggcata	ctgctctctc	360
ctcctaactct	tgtaccc					377

<210> 1625

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (332)

<223> n = A,T,C or G

<400> 1625

gactaaagaa	aatcccaaaa	gccataaat	aaatatattac	atatatggta	tataaacctt	60
catttgtcct	tgtgtcctgg	ttcccaaaaa	tataaagggt	aagtctgctc	ctctaattca	120
ctccaatctc	agtcggaaca	ctgaacttgt	gtctaccaca	ggcccaatcc	tgtgttttgg	180
gtggagtgcc	tgacagtggg	gggagagagg	gaagtaaagt	ttttggtagc	tcaagcaaat	240
gccaccttgt	aatgaggctt	tctccctttg	gtcaccggcc	tgtaccctat	attatttggg	300
gtctagaagg	tccaagttct	gaacaagatt	an			332

<210> 1626

<211> 416

<212> DNA

<213> Homo sapiens

<400> 1626

cgttgctgtc	gaaaatacga	cagaaaatag	aagaaacacg	tgcacagaga	gtccagttaa	60
agaaattgcc	aaaagttaac	aaagagctgg	cacttaaatt	aattgaggaa	gaagaggaga	120
agcagaaatc	tacatggaaa	aagaaagtta	agagtcttcc	taatattctc	accgatgatc	180
gatttaaaagt	tatgtttgag	aaccctgact	tccaagtaga	tgaagagagt	gaagaattta	240
ggcttctgaa	tccacttggt	tcaaaaatta	gtgaaaaaag	gaagaagaaa	ctaagactct	300
tagagcaaca	agaacttcgt	gaaaaagaag	aggaggaaga	gccggaagga	aaaccaagtg	360
atgcagaaaag	ttcggagagt	tcagatgatg	aaaaagcctg	ggttgaagag	gtcaag	416

<210> 1627

<211> 398

<212> DNA

<213> Homo sapiens

<400> 1627  
aagacggcct acggttgcca gttgacgaca gaaggaggcc tattttatga gataagtact 60  
attttggttaa aattttatat ttaatataga taataaattg actaccccaa atggtggaat 120  
gcaaggatag catattacaa ggaaaatgtt acaacaact aacattaact agacaaagga 180  
tgaaataatc atttcaaaaa aggttgagga ggctatcagt aaaattcagt atctattact 240  
gataaaaatg ttggaggaaa aagtgtatca gaaaatataa tcatgggcca gtcgcggtgg 300  
ctcacgcctg taatcctaac actttgggag gccgaggtat gtgggtcacc tgatgtcaag 360  
agattgaaac cagccttggc cacgtaatga aaaccctg 398

<210> 1628

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 1628  
cccgttaact ccattatatg ccaatagagc gagactccgt ctcanaaaaa aaaaaaaaaa 60  
aagaaaaaaa ttcctttgaa aaaaaacccc cccctcaaag gaaacctttt ttttgggggg 120  
gggggtttttc aaaaaaaaaa attttgaacc ctgtttttta cccattggggg aaaagggggg 180  
aaccgcgctg gggcctcccc caaccggggg ggggggggga aaaaaccccg ggggccccca 240  
aaaggccccc cctaagccc gctaggggct tcttttttg ccccccattt ttgggggagg 300  
ggggattttt aataaacccc ttggggcttc agccaaaaag ggtaaaaagg gaacccggtt 360  
tcctggggca aattcctgaa aaaaggtggt gaaaaagccc actttgggc 409

<210> 1629

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1629  
cggtgtgtgc ggcacgcctg ccccttggg tgacctcttg tacccccagg tgaaggcag 60  
acagcaggca gcgccaagt gctgccgtgt gagtgtgaca gggccagtgg ggcctgtgga 120  
atgagtgtgc atggaggccc tcctgtgtctg ggggaatgag ccagagaac agcgaagtag 180  
cttgctccct gtgtccacct gtgggtgtag ccaggatagg ctctgcaccc ctctgccctc 240  
attactgggc cttagtgggc cagggtgcc ctgagaagct gctccaggcc tgcagcagga 300  
gtggtgcaga cagaagtctc ctcaattttt gtctcagaag tgaaaatctt ggagaccctg 360  
caaacagaac aggggtcatgt t 381

<210> 1630

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1630  
tgctcaaac agctaacttt tctaagatcc tgtttcccca tccataaact gaaataatca 60  
gagccctacc tctttcagaa taagtaagga gtgaatgaaa tattccatat gacatgctca 120  
acataatgcc tgccacacag aagtattcaa ttagtactta attcttggtta tatttttatc 180  
attatttgga tttaactatc ttgctgagtt gtttggaagc caaatgaggt cattgcctcc 240  
aaacatttat tagagatatt gctatgtgct aagcattaca ataggtgcag gagaatacaa 300  
acgtgaatgc ctgcaaggaa cttacaccag aagg 334

<210> 1631

<211> 418



<212> DNA  
<213> Homo sapiens

<400> 1631  
 cggttggtggc gcaggcagat gtctccaaaa atgattgtga tcaagaatct gaattataag 60  
 attgggagtc ggggtcccaa cccagtgtcg ccaactgtac agctgcgcct ccacgaaggg 120  
 gcatatgccca ggctcgtctg accctggaat gaggatgtag gaagcaggca gagctccggt 180  
 tcagccctca caatgggact gaagcaggag agaaggctgg gcagaagggc tgtggggaag 240  
 tagggcttgt ctccatggat gacgtccaga aggatgtcag gaggaggaat atcacaggag 300  
 ttatagacat tggagggaac agagactggc acaggacctc ttcattgcag gaagatggta 360  
 gtgtaggcag gtaacattga gctcctttca aaaaaggaga gctcctcttc aagataag 418

<210> 1632  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (385)  
 <223> n = A,T,C or G

<400> 1632  
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 tgtccttcac cgcgggcgcc aatggggagc agaaggactc ggacacagga ccgccggggg 120  
 cctgcttgct ctgggggcagc cagcagggag ccctcgtcag gagcgccatg ggccgaagct 180  
 gcctgccctc tgcacgtgga tgtttccttg gaacaagggg aaaaattatg actttcttat 240  
 tttgctttga cctgtgaatg acaccctggg ctctgggtgcc tggggtgtgc tctctgcagt 300  
 gctgtcaggc acatgctggg tccttcagcg ctaggtgctt ggcaccttca gtcttttgct 360  
 gacgccatgg tcgttcctgg ggccn 385

<210> 1633  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<400> 1633  
 ggacagagcc aaaatggatc tatgctgaag ccagctgtct gtactcgtga actatgcggt 60  
 ttctccttct acacactggg cgtcatgtct ggagctgcag aggaggtggc cactggagca 120  
 gaggtgggtg atctgctggt ggccatgtgt agggcagctt tagagtcccc tagaaagagc 180  
 atcatctttg agccttatcc ctctgtggtg gacccactg atcccaagac tctggccttt 240  
 aaccctaaga agaagaatta tgagcggctt cagaaagctc tggatagtgt gatgtctatt 300  
 cgggagatga cccagggtc atatttgga atcaagaaac agatggacaa gttggatccc 360  
 ctggcccatc ctctcctgca gtggatcatc tctagcaaca ggtcaca 407

<210> 1634  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 1634  
 cagtctctac taaaagacag aaacaataca ctgccaaaat gttaagttga ccaccgtgaa 60  
 acttctctat tggagtgtct gtttctttta gctgtgaata ctgaaattat gccttgtctc 120  
 ctccccaccc caggggggatg ccgttttgca gtgtggacac gtgtttgaag cagttactaa 180  
 actcgtcatc ctggttaaga aggagaacat tgtcaatgtt gttcaaggaa ggtaggtggc 240  
 ttcatcttca gctcaggaag taattcaatg ttaaaatgct tattaaggcc gagcgtggtg 300  
 gctcatgcct ataatcccag cactttggga ggctgaggtg agcagataac ttgaggctag 360

gagttcaaga ccag

374

<210> 1635

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1635

cagtctctac	taaaagacag	aaacaataca	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttcttta	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	cagggggatg	cogttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcatc	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaggaag	taattcaatg	ttaaaatgtt	tattaaggcc	gagcgtggtg	300
gctcatgcct	ataatcccag	cactttggga	ggg			333

<210> 1636

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1636

ggcacgagga	gaaggaaaac	actggattta	taagccacgt	ctgggaagtt	ggaaaaggag	60
aaagaagcaa	aggaaggctc	tgaaccaaag	gagcaggaag	acottcaaga	gaatgatgag	120
gaaggctcac	aagatgaagc	ctcggagact	gactactcat	cagctgatga	gaacatcctc	180
accaaagcag	atacactcaa	agtaaaggat	cggagaaga	agaagaagaa	aggacaggaa	240
gcaggagtat	tttttgaaga	tgcattctcag	tacgatgaaa	acctctcgtt	ccaggacatg	300
aacctttccc	gccctcttct	gaaggccatt	acagccatgg	gcttcaagca	gcccaccccg	360
atccagaagg	cgtgcatacc	tgtgggtcta	ttg			393

<210> 1637

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1637

cgttgctgtc	gcaaggcgcg	ttcgagcagc	ggcgaccgac	gcggcggaagg	agcgcgccat	60
ggagcatgtg	acagagggct	cctgggagtc	gctgcctgtg	ccgctgcacc	cgcagggtgct	120
gggcgcgctg	cgggagctgg	gcttcccgtg	catgacgccc	gtgcagtcgg	caaccatccc	180
tctgttcatg	cgaacaaaag	atgtcgctgc	agaagcggtc	acaggtagtg	gcaaaacact	240
cgtttttgtc	atccccatcc	tggaaattct	tctgagaaga	gaagagaagt	taaaaaagag	300
tcaggttgga	gccataatca	tcacccccac	tcgagagctg	gccattcaaa	tagacgaggt	360
cctgtcgcat	ttcacgaagc	acttccccga	gttcagccag	aa		402

<210> 1638

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1638

cgttgctgtc	ggagcgcgcc	atggagcatg	tgacagaggg	ctcctgggag	tcgctgcctg	60
tgccgctgca	cccgcagggtg	ctgggcgcgc	tgccggagct	gggcttcccg	tacatgacgc	120
cgggtgcagtc	cgcaaccatc	cctctgttca	tgcgaaacaa	agatgtcgct	gcagaagcgg	180
tcacaggtag	tggcaaaaaca	ctcgtttttg	tcacccccat	cctggaaatt	cttctgagaa	240
gagaagagaa	gttaaaaaaag	agtcagggtg	gagccataat	catcaccccc	actcgagagc	300
tggccatttca	aatagaagag	gtcctgtcgc	atttcacgaa	gcacttcccc	gagttcagcc	360
agattctttg	gatcggaggc	ag				382

<210> 1639  
 <211> 176  
 <212> DNA  
 <213> Homo sapiens

<400> 1639	
ggcctacgtg ttcttgcggt ggcggagcgg cggattagcc ttcgcggggc aaaatggagc	60
tcgaggccat gaggagatat accagcccag tgaaccacgc tgtcttcccc catctgaccg	120
tggtgctttt ggccattggc atgttcttca ccgcctgggt cttcgttttac gaggtc	176

<210> 1640  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(405)  
 <223> n = A,T,C or G

<400> 1640	
cggttgctgtc ggaaagatgg cgtgtgtggt cctcctccat caaagaaaat gaagttat	60
ggatttaaag aagatccatt tgtatttatt cctgaagatg acccattatt tccacctatt	120
gagaaat	180
gaaggggaaga aaaggcagct ctacatggtt tctaaggagt tgcggaatgt gctgctgaat	240
aacagtgaga agatgaaggt tattaacacg gggatcaaag tctggtgtag aaataacagc	300
ggtgaagagt ttgactgtgc tttccggctg gcacaggagg gaatatatac attgtatcca	360
tttattaact caagaattat tactgtatca atggaagatg ttaan	405

<210> 1641  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 1641	
ctacaaaagg ttctttgctt ggttgagatg tctgaaaagc cttatattct tgaagcagct	60
ttaattgctc tgggtaacaa tgctgcttat gcatttaaca gagatattat tcgtgatctg	120
ggtggtctcc caattgtcgc aaagattctc aatactcggg atcccatagt taaggaaaag	180
gctttaattg tcttgaataa cttgagtggt aatgctgaaa atcagcgcag gcttaaagta	240
tacatgaatc aagtgtgtga tgacacaatc acttctcgt tgaactcatc tgtgcagctt	300
gctggactga gattgcttac aaatatgact gttactaatg agtatcagca catgcttgc	360
aattccattt ctgacttttt tcggtttattt tcagcgggaa atgaag	406

<210> 1642  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 1642	
gttcactatg taagttaaaa tatcaaagag ggatatacaa ctgaaaagta aaagttcacc	60
tttctttcct ttctcctact tctataattt gatcagttta gataaaatat ctctgctttt	120
caaaattact ctctagctgg ctcttgagga aaaaaaatgg gggtaggagg agctggggcc	180
ttcccttatt tatacaagcc gatgaagagg tcttagactt ttggagagtc acagtaaaga	240
aagaaaacca gtcacctgat ttaaacaac aatatattca ggtttctgaa tctagatttc	300
tagttccagt ctttgaacag	320

<210> 1643

<211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1643  
 tatecttcaa aactgaatgc aaaatagaga tgtattcaga caaaaaccaa gaaaactttg 60  
 cactagcaga ccaaacatgc acagatgag aaactaaagg aaattcttca agtagaatga 120  
 aaataatgcc aggtaaaaca tgaatataca aaaggaaatg aacagtgcaca aggataaatg 180  
 aatactgagt ttacaaacag tgaatgtaat gtctgtggg gtctgaatta tacatagaat 240  
 acaaatgcac aataacaatg ccaagggcag aaagaggtaa attcatttaa aggttacaca 300  
 gttctagcag tactga 316

<210> 1644  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 1644  
 tatctgctgt aatattttta tctaggtag ggataaaaac atcccatttc tggactttac 60  
 ttggagaacc agctagaggt gaattacga ccttcatga cctggactga aaacattttc 120  
 aagttctcta ttctggtaaa taccgcccct ttaataattc cccaaagcat ctcccccttc 180  
 cacctgtgct acgactctct tgcctacggt ttgtattccc acagatcaca aaatcacaaa 240  
 gcaccggagc tggagaatc tcaagagata atccaaggcc aggagcgggtg gctcacgcct 300  
 gtaatcccac cactttg 317

<210> 1645  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(323)  
 <223> n = A,T,C or G

<400> 1645  
 atctgggttag tacaatgcac ttatcatatgc tgtgtgtgtg cgtgcgcgtg tgggtgagta 60  
 tgaggcccat ctttctctct ggaccatttc ttttcacaga attaacgtat gtacccatca 120  
 gatttgggtt aagatctata ttctgggtgac cacacaaatc acatcttgct tactgatctg 180  
 actcctatgt tattctgtct gaigtgtcta ttgggtctctg tgacctttgg gaacttgctt 240  
 gatttctctg ccatttttat ccctatctca gatgcgtatt ttgaaatttt aatgtcattg 300  
 ttaatgtgaa gaactcagcc ag 323

<210> 1646  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1646  
 tacgggttgcg cgacgactac agcaggacac gaaattaaag catatagagg tcaagttttt 60  
 ctccaatggt actgcgataa cctatggcaa agacaaaatt gtcaaccagg gtatttgagt 120  
 tcagagaaaa cactcttagt gctatgttta gagtgtgaga gtcataaaca gcacattgct 180  
 tttaactga acttctacac atatttgagc aactgggtga tttaaaaaaa ttattacacg 240  
 gatgatgaat tattaagcaa atctgaact ttttaaattg gagatatttt aatacttata 300  
 taagaaattg caggttttca cctatcatag ctttaccatc cccacagagg g 351

<210> 1647

<211> 267  
 <212> DNA  
 <213> Homo sapiens

<400> 1647  
 ctactgtcat tatgtctggc taccggaga aactctgtga gtagctatta attaacaaag 60  
 acaaagcaca ttaaagagaa attgaagga gggagggagg aaggaaagta aagtttgaga 120  
 ggaaaagaat atagattcct aatctggg gataagtaat gaagccttat gcttgctata 180  
 ttttttcttt ctggaaatat tggagtgtc tgtggtgaca gacgaaagac cattttactt 240  
 gaacaaagag tttaaataca gctga 267

<210> 1648  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<400> 1648  
 tgggatatgt gtcgcttaaa ggactcttt gctgctttgc agacagtggc ttgaatgggt 60  
 caatggtttc tcacgtgaaa tcacggaaa gaatttcttg gaaagaatgg aatttaacac 120  
 atatgtgtgg gaggatttca aatctggaa agaaataggg ttcaaaagag actgagctat 180  
 atgctgcaaa tcttgacact ggggtatata ccgtacagtt tgaagagggt taattcaata 240  
 gaaaaat 247

<210> 1649  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 1649  
 tgtggactac gactgcgaca tgacgacaga cggggatgag tgtgatccat cctatcctca 60  
 gatggaagga taaaaaacct atattcatta caattgatga gcaataacta ttatgagaaa 120  
 acacaacatg ccttcattgt accggccctc gcaacaatac gcattcattt gatcgacta 180  
 cgtccatagt gaggggcatg tatatagac ccatagctaa ttctgtactca atggggaaaa 240  
 tcgaaagcct ttctctctaga atagggaaca tgagaaagat gcccaactttc atccctttta 300  
 ttcaacatag tattggaagt ccttgctaca acaatcaaac aagagaaagt aagaaggagc 360  
 atccaagttg 370

<210> 1650  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 1650  
 aggatgttag ccaggaggat ctccaggacc tgacctcatg attcacctgc ctcggectcc 60  
 cgaagtgtg ggattatggg ggttagccac cagcccagc ccatttgtcc tttttttaat 120  
 caaaagattt taaaagtaca agtctgcca cagagtgcag gtctgcaaag tgtttcgact 180  
 ctacaaaaga gtgtttgtat ttttaaagtt caggaaccat ttacggact aagacactga 240  
 ggccctagga gatagggctt cttggccaag ttgcagagcc agctggggcc caggagttt 300  
 aatccaagtg gtgtgggtct cctctctct ctgttcaggg aagagcccc ttcac 356

<210> 1651  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(336)  
 <223> n = A,T,C or G

<400> 1651  
 caggctcacc gattcacttc atccccgtca ccagggtactt gttagttagg tacacaaaat 60  
 tattcttctg gattcctgaa agtcttgtca cagtttgtta tctgcagact ctcacttata 120  
 ttcattctcaa agaaacgaac atgatcacct ggtctagttc ttccgacaag cctggacaat 180  
 atagtaagat cccatatcta taaaatgttt tcaaaaaaat tagctgggtg tgggggtgtg 240  
 cacctgtggn gcctgctatt caggaggctg aagtaggagg atcccttgag tccaacagtt 300  
 agaggctgta gtgaacagtg atggtgccac tgcact 336

<210> 1652  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(342)  
 <223> n = A,T,C or G

<400> 1652  
 tattgttagt tattgttgtt aatctcttac tgtgcctaatt ttataaatta aacttaataca 60  
 ttggtatgta tgactaggac aagacatagt acggtatata taggatttat tattatTTTT 120  
 ggttttaggt atccatttta ggttttaggt atccactggg gatcttggaa tgttttccct 180  
 gcagataagg gggggactac tgtacattac tttctccatg taaatattgc ccatgtaaat 240  
 actgctgaga ccagtagtat attatgattc tattttacttt cttatatgct ttgnnttccct 300  
 tctcaagtta attgcctgat tntatgttta tttcttttta tt 342

<210> 1653  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 1653  
 cgttgctgtc ggggctgttg tgagagctag aggcttggtg gtaaaacaat gctagatgtg 60  
 gtgtctgtct ctgagcttaa aaatagcttg agaaagacag tgatattatc agaaaagaat 120  
 gtgcataatg aaaagttgaa acttttataa actcactcaa aactaagttt taaaaaagag 180  
 ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata 240  
 aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tggatatata 300  
 ttattttaac ttgccatatg aaaacctaag gcacagggag gtaacttgcc tacagggtgca 360  
 gccctaggaa gtcagggagc caggattcac tgtcagctga ctgactccaa at 412

<210> 1654  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1654  
 cggggacggg ctctgttctg ccacactaac aattcgagaa gccaaaggccg gaattattct 60  
 tgagaccgag ggaataggac caatcctggc catcataggc tgacttcacg gctccaacag 120  
 gatgatttgc atattatcca tgtgcaatgg cacacactg gagtgcgacg tacttgggag 180  
 gctgaggtgt gaggatcact tgagcccatg aggcacaggt tacagtgagc caagatctca 240  
 ccaactgcact ccagcctggg tgatagagca aggtcctggc tctaaaggaa attttaaga 300  
 ttgcccttgg aattaagatt aatatgtatt ccctgg 336

<210> 1655

<211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 1655									
agctgtgacc	tgagggatga	attgccatt	gattcattta	ttgattgaaa	cgccctttat				60
tgaaagtctg	ctatgtgcc	agcattgctt	taggcacagg	gtgtatatag	tgtaaataa				120
ggccctgct	ctctcagagc	ttacaatctg	ataaaagaga	aatgcaatga	gcaaataagt				180
aaagaaaagg	aaatatcaag	caggcaataa	cttctgctat	gaaaatcaaa	ctggggaatg				240
tgataagaaa	tgcatagggg	gctatgctag	gtggggtggg	caggaaaggc	ctttctgaat				300
aggtgaaatt	tggagggttaa	aaaacatgga	tagg						334

<210> 1656  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1656									
aacatcacta	tcaattaaca	ttttaattga	tagtgatgtt	attaggcttt	tcatttaagt				60
catctacaaa	ttgattgaca	attgaacttt	atcatttgct	tagttcactg	ctaaatcaaa				120
ctgtttaata	cttttttcta	atagtaaaaa	catactgaag	attgagaagc	actgggtgtag				180
aaaaaatatg	taaatatata	aaatgtaata	gcctggaaat	caatcagaaa	attggaactg				240
attccatttg	taagaacaga	aacataaaat	aagttttaaa	cttataaaac	ttttatttta				300
aaattactac	aaacctcaat	gtagggtata	aaaga						335

<210> 1657  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 1657									
togaattccg	ttgctgtcgt	ggacaaacat	tccttttctt	ttcaagatcc	ttaaagctgat				60
catcaacgag	ctctccaacg	tcattggaggc	taatgccgct	cgccaggcca	ctcctgcaga				120
gtggagtcaa	gatgactcca	atgatatgtg	ggaggaccag	gaggagggaag	aggaggagga				180
ggaggatggg	ttatctggcc	aactttttatc	tgacattctt	gctacaagta	aatatgagga				240
ggattactac	gaggatgatg	aggaagatga	ccctgatgcc	ctgaaggatc	ctctctatca				300
gattgatctg	caggcatatc	tcacagattt	cctctgccag	tttgctcaac	agccctgcta				360
cataatgttt	tcaggccacc	ttaatgacaa	tgagaggcga	gt					402

<210> 1658  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 1658									
cggttgctgtc	gagagtagct	gggattactt	tcgccacca	ccatacctgg	ctaatttttt				60
gtattttttag	taaagacagg	gtttcatgga	gaaaccaata	tagaattgtt	caggctgggc				120
tcgaactccc	aacctcgggt	gattcaccca	ccttggcctc	ccaaagtgtc	gggattaaag				180
gtgtgagcca	tcgtgcctgg	cctaaaaaat	ttttttttct	tcactctgggt	ttttgctttg				240
aaaacaagtt	tctccaaatt	tacagatttc	ctgatgatgt	tgggtctgaa	ctcaccaact				300
tgattaggtc	tttagggggc	gagggactac	ccagctgcac	aggtgactgg	atgggggagg				360
tgtgggaggg	ttttctccac	actacgtcct	tctgcattg						399

<210> 1659  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 1659  
aaaccctgtg aggctgagct gtgaggggaag gtttggagtt tgctatggga aaggctgcag 60  
ggtctataag aattgaaaag gggaggccaa ggaggcttca gatccccttg acagtatttt 120  
taaaagatgc aggttaaaaa attgattttc ttgttattta ttttttgata cctaattgaa 180  
cttctccaac ttgacctctt ttaaaaacaa caacaagaaa aaaaaaaaaa aaaccctgc 240  
ttccccttat tccttaaccc gggagggggc tttcccaaaa aaaaaaactc cagcccgatt 300  
tctttgggaa aaaaaaatcc taaaaccctt aaaaaaatat ctttaag 347

<210> 1660  
<211> 362  
<212> DNA  
<213> Homo sapiens

<400> 1660  
aacaaaaaat atgaagacat actatgtgct gggaattatt ttaaaactaa gaaaacaata 60  
aaggaaaaaa actagattgc tcctttccct cattattata ccacacgttt tctgtcagta 120  
ctacaggaat atataaaag tctatcttcc ttgagggcaa gattcaggtc taattaatct 180  
tttgatcttt cttattactc agccagagtt ttgcacatgg cagacataag gtaatagttg 240  
gttgagtcac ctatgtaaat gaatgctgct tagtgcctac aaaaatggga tttctcaaag 300  
atgattagag aggtaagtgg taaggaagat gttttctcat aaaaccagc agctttggga 360  
ag 362

<210> 1661  
<211> 176  
<212> DNA  
<213> Homo sapiens

<400> 1661  
agcttgcatg agccaccggg cctgggtcaag aataagggtca tttattgttg tataggcaat 60  
aagtgtgaat caaggatact tttaaaaact catagggtgag cccgggcatg gtggctgaaa 120  
tcagcctgca caaccgtag tgagacacca tctctacaaa ttaaaattaa aacttt 176

<210> 1662  
<211> 358  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(358)  
<223> n = A,T,C or G

<400> 1662  
gaagatgtga gtgtgactcg taaaggcaag agcatgtata ttatgcaaaa gcagcctgaa 60  
atattttatt cacagacaga cagacaatgc ttgactccct gctaactctga aatacttcgt 120  
ggggagggcc agggaaatca aaacaaaatt tcagaagtag aatgagctat ttggtgtatg 180  
tctccaaggc cagtaaataa caagaaggaa aaataaattt ctttgctaac aacaagaagg 240  
agaaataaac ttttttgctc taaaatattt tccaattatc tccacgacac tggaggggaag 300  
gactancnnn nnnnnnnnnn ggagggaggg agggaaaaan nnnngaaagg aaaaagga 358

<210> 1663  
<211> 400  
<212> DNA  
<213> Homo sapiens

<400> 1663



cggttgctgtc	gggaacaaca	aaacattttt	catagagatg	ttataaagat	tagagattat	60
ttggcactgt	gtgtgacaga	ttataaaggt	tcgatgaatg	aaatctggca	aattttttaga	120
tatatgtatt	caacgaattt	tttgggtggaa	cacagataac	ataatcctga	gaattaactc	180
tttgtacaga	cctcaagatg	agcaaagctc	tatcactttc	agaaccatga	ccactctggt	240
gattttgatt	tcagaatctt	ctttcattct	ggtaaaccctc	ctttgccccca	ccaaatattg	300
tatggaaata	catttttttt	tttttttttt	gaaacaaagc	ccccctcact	ttgttccccca	360
aaaggaaggg	caggggcgaa	attttggttc	accgcccccc			400

<210> 1664  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(365)  
 <223> n = A,T,C or G

<400> 1664						
tacgtctgcg	aatacgacag	aaggggggtg	agattgcagt	gagccgagat	tgtgccactt	60
cactccagcc	taggtgacac	agcaagactc	catctcaaaa	aaaaaaaaaa	aaattttttg	120
tttttttttt	tccccctttc	cccccccaaa	atataaaggc	tttttaaccc	ctgttatact	180
gctttattat	ttttaatagc	attattgaaa	tgagggtttt	ttttgtctcc	caaactggat	240
ttttttttac	cacaattttt	gttccttgaa	ccctaatttt	ctgggacctaa	ggatatcttt	300
tttctttaac	ctccacaatt	taaagggggt	tcaccacccc	ttggtaaatt	ttgattttat	360
ttgan						365

<210> 1665  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1665						
tactgaagac	cagcgcggtc	cttacagctt	ttcacagact	ctcaccacaa	accagtgac	60
caggccaaac	atctctctta	ccgattacag	gggtgggtgta	ctctgctggg	ataataatta	120
tgttatcctt	ctgaacctgg	ctaacaacaa	gtgttaacaa	tcatagggaa	atgggttttag	180
gaaagctaac	tgggttgagg	ttagagaggc	cataagggtg	tatgaggcag	cacaggatgt	240
ggccacaggt	cctgagtcac	agagcaagac	ccggcctcta	aaaacaaatt	tttttatttt	300
ggaggggtgga	ggataggggg	tgggaggg				328

<210> 1666  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 1666						
tcagatggag	atgggtggtt	cacaacattg	tggatgtact	aaatgccact	aaactgttcg	60
ctttcaaatt	gttgatttta	tgttatgtaa	atttcacctc	acattatttt	taaaaatgat	120
ggctttttaa	gaataattac	tgacatagga	aaattcacac	cacataccta	ttattaaaac	180
tggacttaca	atataatctc	aattttgaaa	gattaaaaaat	gtacatgtga	gtttgtgcat	240
atatacatat	atacagatat	gcgcgcgcgc	acacacacac	acaccatata	tatatatata	300
tactcatcct	cctcccccaa					320

<210> 1667  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 1667  
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60  
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120  
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180  
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240  
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300  
 gcaaaagaga agataaaaat atttagaaat aagttcaaga aan 343

<210> 1668  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1668  
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60  
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120  
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180  
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240  
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300  
 gcaaaagaga agataaaaat atttagaaat aagttca 337

<210> 1669  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1669  
 gtttcattct gcatgtcttt ggtcatata tagtctattc tattattcta taggcatttt 60  
 tctaaccac tccaaatcca ttttgcatg aggtacggat ataaatacaa aggtaaacaa 120  
 tgtaattgta ttacttgtgt atgcatgtat gttcttgcag gtgtgtattg agaggaatgt 180  
 ttgtctgact acctccatgt gccagtctga tcttctggag agaaaattgc tgggaggctg 240  
 tgacatgaac cagtgtggag gcaaatat gacaagactg agaactggca tgaagagaaa 300  
 tccatgagat ggacaagcca cccttttaag t 331

<210> 1670  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G

<400> 1670  
 ggagcgtttg aacacaccac ggaaatgatg ccttgccta agcccttggg ttgggaagga 60  
 tgagatccta ttgttttttg tgtccctct attatctttt gaacatgggt taactacatc 120  
 tacggcattt ataacatgtg gcaagcataa gctcttgagt ctgatgtttc tgatgccatc 180  
 tactcttact gcctttggca cctcccagct actgacttcc tcttgettcc ccctggatcc 240  
 agatacgtgg ctgggaagag cccctggcct ttgtagccag aggaggtggg gaccatgggc 300  
 aacaggccac tgtgctcctg gatgcgtn 328

<210> 1671  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<400> 1671  
 cggttgctgtc gaaaaatgta aaggagctca gccttttttt catacaatat ttgttcatat 60  
 cattaactcc ctcatattta tgtacataaa ttattggtgt taatgatatg aacaaatatt 120  
 gtatgaaaaa aagcgaaaat gcaaagtgt aattcttggg caggggtggga gaaggcaaat 180  
 caccacaataa aggataaccc tttaacattt tatctaagaa aaaagaagga agagaaaaat 240  
 atttaccatc tcagattaga agacaatata aatatataca tctatgttaa tacttttgaa 300  
 aataccagca aaatagaaac atatgttttc ctccagaaaa atagaaaacc ttggaaatta 360  
 gtaaccatgt ttccatggtt atta 384

<210> 1672  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 1672  
 tgggtacgtac ctgtagtccc agctactcag gaggtgagg tgggagaatt gcttgagcct 60  
 aagaggtcga ggctgcagtg aggtgtggtc gcagcctggg taacagagtg agatcctggt 120  
 tgaaaaaaaa agagcaaagg gcaaaaaact aagagttgca tatgaaagaa ataccaatga 180  
 ataccacgga aaagatgttc aattccattc ataagatgag atatacacat ttgggtttata 240  
 aaaagatagt ggtcttcacc taaaaaaaaa tagcaaaagt taaaagtctc agtatatact 300  
 atatttgttg aagctgcttc agggaaagaa tccagccttg atggtaga 348

<210> 1673  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<400> 1673  
 tacggctgcc atatgacgac agaaaggagg aggaagctgt ttgtattcct tgggctcggg 60  
 tggctcatag tggcgggttt ttccgcgctc ttttctctgt gtaccagatc gggataggtc 120  
 tctcttggg 129

<210> 1674  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (427)  
 <223> n = A,T,C or G

<400> 1674  
 acacagctct tgtctttttg cggannnnntt gttctaattc ggcacgagcc cacctttgcc 60  
 aaggtccagc ggggcgtcca ggacatgatg cgtaggcgtt ttgaggagcg caatgttggc 120  
 cagatcaaaa ccgtgtaccc ggcttccctac cgcttccgcc aggagcgcag tgtccccacc 180  
 ttcaaggatg gcgccaggag gtcagattac cagtcacca tcgagccact gctggagcag 240  
 gaggtgacg gaggcagccc ccagctcacg ggctcgcgcc tcctgcagcg acggcagatc 300  
 ttcagccaga agctgggtga gcacgtcaag gagcaccaca aggccttcct ggctccctg 360  
 agccccgcca tgggtggggcc ggaggaccag ctgaccgcgt ggcacccgcg cttcaacgtg 420  
 gatgaag 427

<210> 1675

<211> 255

<212> DNA

<213> Homo sapiens

<400> 1675

tgtcacctta	ttcacacatc	cagacacgtg	atgtctgcta	cacataccta	ccattttaac	60
attcatgctt	acacacacat	tcacatgcat	acagagagaa	aggagctctc	tctctttcat	120
gggttttctca	ttgagaatca	tgatgatatc	agcacaggtc	tttgaggagaa	aggaaattta	180
cattctatat	ctggaacctc	aagaatgttc	cagccgtgtg	tggtggctca	caccactggg	240
tgtggtggga	ggcca					255

<210> 1676

<211> 350

<212> DNA

<213> Homo sapiens

<400> 1676

gagtttgacg	agacaggaag	agagcagtct	gggaggaggg	aacagggtga	gcaaaagcag	60
actatggaag	gcagagggcat	aagacagtgc	aataagttgt	acaagggaag	atgaggttga	120
cacctgacca	ctgaatgtca	ggttgaaaag	gccaacatt	caccacacc	caccatttc	180
caaaacacac	atgcacgcac	acacatgtgc	aaagaattcc	agcctcatga	aagagtggag	240
caggttcagt	ctcaccatag	atcaatttca	tgagatgtg	tccagccatg	tgtacatctt	300
ctcccattga	agaggctatg	gaggtaagaa	cctatatcca	taagccatgg		350

<210> 1677

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1677

cgttgctgtc	gctgaggtgc	acagagccca	aaggcagaga	gaggggctga	aggatagaca	60
ggtgtgtagc	atgggctagg	tttacgggtga	gtgcttacta	aatgctgtgg	aatgattgca	120
tgagttccag	aaggacccag	actggtgaga	cagagaatgc	agaattggct	acactgggaa	180
ggagactcca	cctgacacag	caggagaagg	ataagcagat	gtatagtgtc	tgggcagggc	240
caggcaaagg	ggagattttgc	tcagaaaatg	ttgaatgaat	gaatgcacaa	atgcatggga	300
aggcaaagg	aagcatgaga	gagccacaga	gatgaaacaa	acaaacaaaa	aagacagaaa	360
tagggaatta	aatagggcca	ggcacggt				388

<210> 1678

<211> 368

<212> DNA

<213> Homo sapiens

<400> 1678

ggctgtacaa	agagacagag	gctgttagct	atggctgaag	acagtggcaa	aaaaaaaaag	60
ggggaaaaat	ttttaagtt	ttgtccaagg	gttcccttaa	aaggggttgg	gaaacctcgg	120
gaataacccc	cttgttaaaa	accacggggg	ttggacaaac	ttttttccaa	cccttagtcc	180
ttattccggt	taaaaggcca	cccggggtaa	aaaaagccac	ccccaaaaaa	aaaccggtaa	240
aatggtggaa	accccgggca	aaaaagggtt	ttcagggggt	tttaattttt	tggcaaaaac	300
acaatttttg	ccctttgagg	gagaggaaaa	aaaaaaattt	tttttggtcc	ccattgtgga	360
aacgggggc						368

<210> 1679

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1679

gagagcatta	acccannngt	tttgnagagg	aaccatcga	ttcgaattcc	gttgctgtcg	60
ccaatgtgcc	cttctctggt	gccctggcgc	tcttgagctc	cgctctgggg	ggccttgtcc	120
tggtcccccg	cctcctgcag	gggcccgtgg	cgctgaggaa	catcactgac	accggcttca	180
agctgctgct	gctgggtctg	gtcacctca	acttcgtggg	ggccttcatg	ctggagagcg	240
tgctagacca	gtgcctcccc	gcctgcctgc	gccgcctccg	gccaagcgg	gcctccaaga	300
agcgcttcaa	gcagctggaa	cgagagctgg	ccgagcagcc	ctggccaccg	ctgcccgccg	360
gccccctgag	gtagtgcagg	cccacgggca	ccccagacac	tggaactccc	tgctctgag	420
ccaccaact						429

<210> 1680

<211> 411

<212> DNA

<213> Homo sapiens

<400> 1680

ctcactcccc	ggcagcttag	agcaaggggg	gagctgaact	tcgaacaaga	tgagctgggt	60
gacggaggcc	agcggggcca	catgcacaac	ggccttaact	accgtgaggt	ccgcgagttc	120
cgctccgacc	accatctggt	acgtttttac	ttcctcacc	gcgtgtactc	cgattacctc	180
cagaccatct	tgaagagct	gcagtggggc	gagcacgccc	ccgacctggt	catcatgaat	240
tcttgctct	gggacatctc	caggtatggt	ccgaactcct	ggagaagcta	cctggagaac	300
ctggagaacc	tgttccagtg	cctggggccag	gtgctgccc	agtcttgct	cctgggtgtg	360
aacacggcca	tgctctgtgg	cgaggaagtc	accgggggtt	ttcttccgcc	c	411

<210> 1681

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1681

ggcacgagga	ccgaccagga	ggtcctctgt	tgagctgggt	cgggcgaagc	tgccggctgt	60
gggggcccct	atggagcgct	tcgggtgtgt	gtggacgctg	ctgggtgtcc	gctggttcat	120
ctgcctgttt	gtggacatct	tgcccgtgga	gacagtgtct	cggatctggg	actgtttgtt	180
taacgaaggc	tcgaagatta	tcttccgggt	ggccctgacc	ttaattaagc	agcaccagga	240
ggtgattttg	gaagccacca	gcgttccaga	catttgcgat	aagtttaagc	agataaccaa	300
agggagtttc	gtgatggagt	gtcacacggt	tatgcagaaa	atattttcag	aacctggaag	360
cttatccatg	gccaccggcg	ccaagctccg	caagagctgc	agggg		405

<210> 1682

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1682

cgttgtctgc	ggtttgaacc	cggtgaggcc	catgtgggca	ggccgtgggt	aggcaggggg	60
caccgcgggg	cctggcatat	cccagcagcc	tggctctgtc	tcgagcaggg	gacaagacgt	120
tcgaggagta	cctggatgag	tattaccggc	tggactacga	ggacatcatc	gacgacctgc	180
cctgtcgctt	caagtaccgc	acagtgggtg	cctgtgactt	tggcctcagc	actgaggaga	240
tcctcgctgc	tgacgataag	gagctgaacc	gggtgtgtct	cctaaagaag	acctgcatgt	300
acaggtcaga	gcaggaggag	ctgcgggaca	agcgggcgta	cagccagaag	gcccagaact	360

catggaaaaa gcggcagggtc ttc

383

<210> 1683

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 1683

cgttgctgtc	ggcgtagatg	tttccaccca	ctattctaac	agctctatct	atgaatatat	60
tgtacggcgg	ggggccctgg	atttctcttt	ctttgatttg	atccgctact	gtgtcagcgt	120
ttgcaatcag	attgcatctc	acctgcacat	acatgtcttc	agaatcaagg	tctctacagc	180
tcattctaata	catcattaat	gatgtaattg	gtatatagga	acatcatgtt	ttctgcagga	240
aagaaagtaa	catattaagg	agaatggggg	tggataagaa	caaataataat	ttataataat	300
caatgctgga	taacttttat	tctttattat	tggtaacacg	ccctaactat	cctgtgtgag	360
aatgggaatt	tcaagtccca	tcttgcaaata	tggatatgtt	gtcatgcacg	gtttgagcn	419

<210> 1684

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1684

tgggattaga	ggcgtgtgcc	accatgcctg	gctaattttt	gcatttttag	tagagacagg	60
atttcatcat	gtttgctagg	ctgggtctcaa	actcctgccc	tcaggtgatc	catctaccat	120
ggcctcccag	agtgttggga	ttacaggtgt	gagacaccgc	acctggataa	cagtctgttg	180
ttgatcacca	gtttttatat	aatttttctt	ttgaacacaa	gtatattata	aaaatacttg	240
aaaggagtat	tcaaaaattg	attttgaata	ccgggttaaa	gattcaggta	tggtcgtttt	300
cctacttcga	aatgcagagg	aggg				324

<210> 1685

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1685

attgtttttc	ttccagtttt	tctttttcca	aaaaagggat	tcaagctggc	ctgcaaactc	60
aaatggcctg	tacatagttg	agattaaggc	aaatacacaa	gattgtatcc	tgtttttttc	120
agctacatta	tacacaagta	tcttcccttg	tgataatgta	gtttttataa	atataagttt	180
ttaataacta	atatttcatt	atgtgatata	tcatgattta	ttattttaaa	ccatttctgg	240
attgtcttgg	tttcaacttg	ggaaggggtc	acaaaattct	ttaacaaaga	tctggatgcg	300
gcagactcag	tggcttacgc	ct				322

<210> 1686

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1686

tccctacata	attgtgactt	agaattatct	agaagagaaa	tattatttat	gagaagaaaa	60
aataattaaa	gtcataatct	ttaaagctta	aatttttaaa	agacaaagtt	taacagcaac	120
cattgagggt	gaattattta	ttgttttgc	ctcttaacat	acctttgggg	aatacaaatt	180
aaaataacaa	gaactattta	atttattgct	tatctgactg	gcaaggataa	aatgaatgt	240

taacatttat	cagcaagcat	gtgagaaagt	aggctttctc	atgcactact	tatgtgaatt	300
aaaattggta	aaagttttc					319

<210> 1687  
 <211> 422  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(422)  
 <223> n = A,T,C or G

<400> 1687						
ggcacgaggt	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	agaagaaaga	60
ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	agcgggcaca	120
ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	aggaccgcgg	180
gcgccctac	acactgagcg	tagccctgcc	gggctccatc	ctggacaatg	ctcagtcgcc	240
ggagcttcgc	acctacttgg	ccggtcagat	tgccagagcc	tgtgccatct	tctgtgtgga	300
tgagatcgtg	gtgtttgatg	aggagggcca	ggatgccaaag	actgtggagg	gggaattcag	360
aggagtggg	aagaaggggc	aggcgtgcgt	acagctggcc	cggatcctgc	agtacctgga	420
gn						422

<210> 1688  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 1688						
cgttgctgtc	gggctggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc	60
cacagtgtct	ggattacagg	tatgagccac	cacgcccggc	ccattttttt	ttttgacaac	120
tttttttttt	ggaaacgggg	ttttgtccct	tggccaaaat	gggagggcgg	gggttgata	180
aaagttaatt	gggcccggaa	atcttttgcc	ctaaccctcc	aaagtggagg	aaactacggg	240
tggccccatt	agccccggct	agtttttcaa	tttttgaaaa	aaagacgggt	tttttttttt	300
tgaaaagggg	tttttttttt	gccccaaaag	tgggggggaa	agccgggggt	aaccctattg	360
gaagcccccg	ccg					373

<210> 1689  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 1689						
cattggtagg	aggttatgct	tttttctggt	ttttgtttta	ctttcaacct	aggttataag	60
actgttattc	tatagctcca	acttaagggt	cctttttaat	tccctacagt	tttatgggtg	120
ttatcagtgc	tggagaatca	tgtagttaat	cccattgtct	ttacaagtgt	cagcttactt	180
gtatcagcct	ccctacgcaa	ggacctatgc	actggagccg	taggaggctc	ttcagttggg	240
ccccagggat	aaggctactg	atttgatact	aaatgaatca	gcagtggatg	tagggattag	300
ctgattttta	aacaactcgg	ctgggcacag	tggctcacac	ctg		343

<210> 1690  
 <211> 406  
 <212> DNA  
 <213> Homo sapiens

<400> 1690						
ggcacgagga	gagtatggaa	cccttcccct	tcgtctctcag	ccggaggcca	gctgcgtcca	60

gccgggctcg	gtcttctgaa	caccgatttc	aaatcaggtc	cccggggccc	agcgtcactt	120
aggggaagtgg	tggcattttg	tggttgctgc	taaatcacgg	agagcagcct	tggcgctgcc	180
ggtcccaact	tgatccaagg	agccttgaga	aggagatgag	attcagtacc	aggggccggc	240
cgtggctccc	atcctccgga	atctgcaaaa	tggctacttc	ttcagaaata	atgggggagag	300
ggatggcaag	aggccagaga	tcaaggccct	cgagtattaa	cttgagcatt	tgggcacaaa	360
atagacactt	ttggattttc	ccgtcttttc	caacaccaag	gatgag		406

<210> 1691  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(363)  
 <223> n = A,T,C or G

<400> 1691						
cagaagttta	atTTTTtata	atgatggatg	aagacagtaa	tatctacctt	gagtggcttg	60
tcataagtat	taaataataa	aaactagcat	taaaaatata	tagcatacct	agatatatgt	120
tatatgttat	agttatatgt	ttaaaaattt	gtgtttattt	catgccttat	ttatctttta	180
gaaactttat	agcctgatcg	gtgctgattc	tttttccaaa	aagtcacgta	aaatTTttatc	240
aggacaatgt	tttctgtaac	aaccattatt	tcttTgtctt	ctgccataag	tggagaaaaa	300
agatgtgaag	gatcttgagt	tttcatactt	tctaaatggg	ctaagagtac	agatgtcaga	360
agn						363

<210> 1692  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 1692						
cgTtgctgtc	ggttcgctgg	gaggTatgga	tttcatttcc	attactaatg	cctgcaattg	60
ctgataatag	acgtgccccca	ggaatcgctg	catgggaaat	ggagcaaggg	tctccttctg	120
tggcccagtc	tggaatgtta	gtggTgcaat	ctcgactcac	tgcaacctcc	gcctcccgga	180
ttcaagagat	tctcctgcct	cagcctccca	agtaactggg	attacacgta	cgcaccacca	240
tgcccggcaa	atttttTgtat	ttttagtaga	gataggggtt	caacatattg	gccaggetgg	300
tctcaaaactc	gtgacctcaa	gtcatctgcc	cgctcagcc	tcccaaaatg	ctgggattat	360
aggcgTgaac	catcacaccg	ggccattcca	atcactcttc	atttctctg		408

<210> 1693  
 <211> 443  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(443)  
 <223> n = A,T,C or G

<400> 1693						
tagacaattc	nmttttTgtga	aaatannacg	gccctcgaat	tccggcacgag	ggcacttctg	60
ccgctgcgcc	Tgtttctgca	ccgataactt	gtacgtggcg	cgctatgtgc	tgcacgtgcg	120
cttccgaggc	gagcaccagc	tgcgccggga	ctacggcccc	atcctgcgca	gccgaggctg	180
Tgttagcgcc	aaggacttcc	agcagctgtt	agcagagctt	gagcaggagg	tggagcggcg	240
gcagcggctg	gggcaggagt	catcagctag	gaaagccctc	atcgcgagtt	cctaccaccc	300
ggcacggcct	gaggtctacg	actcactgca	ggatgcagct	ctggcccccg	agttcctggc	360



cgtagctgag tacagcgtgt cccagacgc agacctcaag ggccttctcc agcggctgga 420  
gacagtatcg gaggaaaagc gcc 443

<210> 1694  
<211> 374  
<212> DNA  
<213> Homo sapiens

<400> 1694  
ctatgttgga attatttggg aaactatctg aggctcatat aatttagtat ctttcattat 60  
aagattattc ttatatccat ttctataagt ttatatgta tattccagggt 120  
agatgctgtt ttttttaaat gaatttgctc tttgcattta aatattttaa tatatcgga 180  
aatagttgtg atcggatccc ttatcttcat ttttacaacc tcatctttat cctacatggc 240  
ggaccagccc ttcttacaag gaagtcgggt ttttggcgtt taaagtcaca aagatctact 300  
gcgcaatcag cgcggggtcga atacgcctc actttctaca tttttcaata caacaactcc 360  
gtcgggggtca tttg 374

<210> 1695  
<211> 389  
<212> DNA  
<213> Homo sapiens

<400> 1695  
cctgtctctg ctaaaaatac aaaaattagc tgggcatggg ggcatgcac tgtagtccca 60  
gctactcagg aggctgaagc aggacaatca cttgaaccca ggaggtggag gttggagtga 120  
gccgagattg cacaccacta tactccagcc tggcgacaga gcgagactcc gtctcaaaaa 180  
aaaaatcact ctgtcaacag caacaatata ctttcttctc aatgttcatt acaagctttg 240  
tgctgggcca caaaacaagt ctcagtaaat gagatagaat taaaatcacg cagagggtat 300  
tctctgtccg cagtggaaat taggactcgg taagatatct ggagaaaatg ctggccaggc 360  
acggtggctc acgcctgtaa tcccagcag 389

<210> 1696  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 1696  
tacggttgcg agatgacgac agacgggact gtgcacatgg acacaagtga tcctcagtcc 60  
ttactccaaa cccacatctt tgagagacag gccacgtgg agtgctgtgg ctcgatcacg 120  
gctcactgca gtttcaaact ccgcctcggc ctccataatt gctgggatta caggagcgtg 180  
ccagtgtgtc tggccttaac ttgcattttt acataagact tctaaaaaaa aaggagaaaa 240  
tcttcacaat cctgggatag acatggaatt cttaggacat ggaaagtaat agaatttcaa 300  
aattctgctt cctgaaagac actgttaaga aagtgaggag gcaaggcaca gactaagaaa 360  
atattcacat cacacacata ttatt 386

<210> 1697  
<211> 359  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(359)  
<223> n = A,T,C or G

<400> 1697  
ccaccacgcc cgctaattat gtattttagt cacagaccta ggtctgtcaa gttgggcgaa 60

atagaaccct	cctttccttg	ttcccactct	tgattctttt	gaacatgggt	tacctccctt	120
cgcgctcttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	nggtggtggt	gaccaggggc	300
aacaagccac	tgtgctcctg	gatgcgtggg	ctggcaaata	tctctcccat	tcgcctttg	359

<210> 1698

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1698

cgttgctgtc	gaaagcgtaa	gtgaaatatg	aagtgatgag	gaatctgaaa	atgaaattac	60
aagtgttggt	agagcttcag	gtgatgacga	tggaaagtga	gatgatgaag	aggaggatga	120
agatgaagag	gaggatgaag	atgaggatag	tgaggatgat	gataaaaagt	acagtggccc	180
tgatcttgca	aggggtaaaag	gaaatataga	aactagttct	gaagatgaag	atgatacggc	240
agatttggtt	ccagaagaat	ctgggttttga	gcatgcttgg	agagaattag	ataaagatgc	300
tcctcggtgct	gatgagatta	cacgtcgatt	agcagtttgt	aacatggact	gggatagatt	360
aaaggcaaaa	gatttgctgg	ctctgttcaa	ttcatttaa			399

<210> 1699

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1699

cgttgctgtc	gctgcctccc	tctgggacta	agtgcctgga	gagcctcctg	ggctcagtgc	60
ccccgcctg	ccctggcctc	cacagccttc	gggagctccc	agaccagtg	ctgagtgagg	120
aggtggtgga	gggcattgct	gctggcattg	aggcagccct	ctgggacctg	acacaaggca	180
ccaatggccg	agacaagacc	aagtatcgca	gcctgctgtt	caacctgcgg	gaccccagga	240
acctggactt	gtttctcaaa	gtggttcatg	gagatgtcac	cccctacgac	ctggtgcgga	300
tgagctcgat	gcagctggcc	ccccaggagc	tggcccgtctg	gcgggaccag	gaggagaaaa	360
ggggaccgca	gatgttcatg	gactgcag				388

<210> 1700

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1700

cccacgatt	cgaattccgt	tgctgtcgga	aggccgtggt	gcagcgcgtc	acccggggcca	60
gcgtcacagt	tggaggagag	cagattagt	ccattggaag	gggcatatgt	gtgttgctgg	120
gtatttccct	ggaggatacg	cagaaggaaac	tggaaacacat	ggtccgaaaag	attctaaacc	180
tgctgtgatt	tgaggatgag	agtgggaagc	actggtcgaa	gagtgtgatg	gacaaacagt	240
acgagattct	gtgtgtcagc	cagtttacct	tccagtgtgt	cctgaaggga	aacaagcctg	300
atttccacct	agcaatgcc	acggagcagg	cagagggctt	ctacaacagc	ttcctggagc	360
agctgcgtaa	aacatacagg	ccggagctta	tcaaagatgg	caagtn		406

<210> 1701

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1701  
tataattaacc gactaaaaga ggaaaataac accatgggca ttcctccctt ttgcctggaa 60  
ccatgttgac taaaatgtgt gcctattata agccaattgt gtcctcactt ggcgtgggtt 120  
caaggtaaca aagatttgat cttatttaac ctcttctcac atgtggtaga cagaattcct 180  
aggtgaccca catggcctttt gttccctggg gttactcgca tggatcatgtt atgttgacagg 240  
acaaatgata ttatgcagat gtaattaaaa tgacttacta atcagttgac cttaggagag 300  
attatctaga tggatctaac gttatctcac gactacttta aaaacag 347

<210> 1702

<211> 327

<212> DNA

<213> Homo sapiens

<400> 1702  
cgacagaagg aggggttggt cccacctttg actgatgggg aaagtgacgt ttgaagcggg 60  
ttatgcaagg tcctatagct caggattcaa acccaggctc tcttgcttta aagcccacct 120  
gggcttttaa tactacacca aagcctcctg ttatctcgtt tgccttgaa cccccacag 180  
agaagctgga aaaataaaaa aaacaaggac gacacacaag cagaaagtga tgacctgctg 240  
tttgtagttg atcaaatgcc atcgatgctg cttatgtgac gtgggtgtcca tgcaccatcc 300  
atTTTTattt ttcaggctctt agttacg 327

<210> 1703

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1703  
attgcactga ttcattgtgaa tgggtccctt agtcattgcac catgcggcct ctgagaaaag 60  
cacaatattg aactctatcc tagcctccca gagattttta acctctactt cttccaagaa 120  
ttttttgtcc tggacttaga agtcagggca gaggcaagcc aggaaaggca gcaaaccagt 180  
ttaacttcct cctctctctc gttgccttat atcttctttt gcccctttgc tctctgcccc 240  
aatcctcaca atagttaaca gctactttac ccaaatatca aactagccag agaagctact 300  
gaacatgatc atttaaaaaa aaaaaaaa 329

<210> 1704

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1704  
caacctgtag tatgggaaaa atatttgcaa accatacgta tgataaaggg ttaatatcca 60  
aaatatgtca ggaactcaca gagctcaatg acaaaaaaaaa aaaaaaaaaa agggaaaacc 120  
ctttttttaa aaggggacaaa ggggttgaaa aaatTTTTTT ccaaaaaaaaa acaaaaaagg 180  
gttaaggggc ttttggaagg ggtttccccc tttataattt ttaaaaaaat ccaaattaaa 240  
aaaaaaacgg gggccccccc tccttcaatt aaaaggggtt tttgccctta aaaaccccaa 300  
aaacaaccgg gggggggggg ttggaaaaag 330

<210> 1705

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1705  
ttatggcttg aagtttcatt tgcctttttc ttctctatta tctaccacaa atctttaata 60  
atttggttgg aatctggata ttagctttct ttagaaaaata ttttatattc cttaaattct 120  
ttttaacatg ataaataata aacataaata ggaataaaga ggaatgaatt tagttcctgg 180

ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaaactaaag	acactcaaat	gatgtttcaa	aggttgttga	aaaaaactga	taaatttacc	300
tagaaaaaaa	gttttgagat	aaagttaatg	gcggtgaaga	tgacctactg	g	351

<210> 1706

<211> 346

<212> DNA

<213> Homo sapiens

<400> 1706

ttatggcttg	aaggggcatt	tgcccttttc	ttctctatta	tctaccacaa	atctttaata	60
atttggttgt	aatctggata	ttagctttct	ttagaaaata	ttttatattc	cttaaattctt	120
ttttaacatg	ataaataata	aacataaata	ggaataaaga	ggaatgaatt	tagttcctgg	180
ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaaactaaag	acactcaaat	gatgtttcaa	aggttgttga	aaaaaactga	tttaacttacc	300
tagaaaaaac	gatatgagat	aacaggagtg	gcggttgtca	tcacct		346

<210> 1707

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1707

aagctattag	gaatcagtta	aatgttttgg	gattttgtct	gagaatgggc	taaaggagaa	60
tgtccctttt	gccttctgaa	gtttccctga	aaatcactaa	taggaggcag	ataaatagta	120
gaaaaggcat	aaagggttct	gcaatgtgtg	tacactggag	cccttagaac	gaagaccag	180
acacacgatg	cgtgcagaag	cttatctacc	acatgaagtt	tacagaaaga	atgggggtctt	240
ggatcacagg	aaaaaaaaaa	aggttatgtg	agaaaacgac	cctggctagc	aacagg	296

<210> 1708

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1708

aaacagcaaa	tatataaaac	atacaatata	aacaacattg	atgatatatg	tatattatct	60
acataatacc	cacaaaatag	aaaaagaaaa	tttcagtaca	caggaacaat	attgttcaca	120
aagtagtttt	caataaactt	taaagaaatt	atattatata	aaacacgttc	tttgataaca	180
attataaatt	atgaataaaa	atatagtaaa	atataatata	gaaactaaaa	ctcctaaata	240
atccttgaat	caaagaggaa	atagaaatgg	aaattacaaa	attttttagaa	tgaaattttt	300
atgtactata	taaaaaatgt	gtgtaataaa	gccaatgtac	attcatagac	c	351

<210> 1709

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 1709

ggctgcatga	gctgttggca	ttcctaacc	ctgtgctgtt	caaggttcaa	ctgtactgga	60
ttttcttgaa	aattcagaag	tgctggaaac	cctgggcccg	gattttctatg	tgacagcaat	120
tttggggctg	agtggcttca	tttagatggg	gcatgtgctc	cccatattct	gctctcccct	180
taacactgag	gttgatgata	gtgacctcaa	catcaatgag	gtagtgctgt	ttccatgtca	240

tagaattaag	aggaggttga	agnatttccc	cttctcactt	tcagcataac	tggaacaatg	300
gaacatcccc	ttagggcacc	atattttaag	caagaaagga	agagggcatc	ttt	353

<210> 1710  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (354)  
 <223> n = A,T,C or G

<400> 1710						
aggtttttcca	taaacctaga	aatatgactg	aagaaaaata	ttccaaataa	cgattagggg	60
tggcattttta	gcttagtgag	atcataagca	tattttattta	tacttagaca	taaagccagc	120
aaataagatg	gggaaaggaa	agaaggaata	aaggaggaca	gagaacaatg	aaggatgagt	180
cagctagttt	tttaaaaaga	aaagaacaga	atgacgaaga	aaaaggagca	gaaagaaaga	240
caaccaaatg	gggagaaagg	gaaacaaagc	tactagaaac	tatgaatgta	tcacttgcct	300
accatgaacc	tataattgtg	cttaatttgg	agacaaatcc	aagaaagggt	acan	354

<210> 1711  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1711						
gagcaggggt	taggcctggt	gatgcccttc	tagtgaataa	aatatggcca	cagtgatggg	60
atgtcacttc	tgaggctggg	gcacatgaaa	caccccactt	ccctcttgct	gatgctctct	120
catgctctca	cttactgtaa	gagaagccag	ctgccccatg	gagagacatt	catggcaaag	180
aactggagct	ggcctctggc	caacagccca	agaggatgga	atcctgccaa	cagccctgtg	240
agtgaagctt	gaggtggatc	attcccatgc	cgacctttat	gtgactgcag	ctctgggtca	300
caccttgact	gcagccttgg	taggaaaccc	tgatcct			337

<210> 1712  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1712						
agccagcacg	ggcagaagct	tgaaagcccc	caagtcaccc	ctggggccagc	agcagccacc	60
cagggcagga	gggcagggtc	acagccaggg	tcagcgggtc	agcaactcac	cctggcctgc	120
agcctaccca	gcacggacca	tgtgcccagt	agcagagcta	gaggaacaag	cagaaaaatg	180
gccggccccc	aaccagaggt	cagaggggaag	ggcaggagcc	gctgctgacc	tcggggggaca	240
cgggtggctg	acctcggggg	acgcgggcac	acgctgtggg	gcttcgtgtc	aggcaccat	300
ggggcctggg	gtctgctctg	tgcaacagat	actgtcgggc	tgcccatggg		350

<210> 1713  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 1713						
gaccaccgcc	gccgaggagt	caggaagttc	aagatggccg	ccgcggagac	ccagtcgcta	60
cgggagcagc	cagagatgga	agatgcta	tctgaaaaga	gtataaatga	agaaaatgga	120
gaagtatcag	aagaccagtc	tcaaaaataag	cacagtcgtc	acaaaaaaaa	gaagcataaa	180
cacagaagta	aacataagaa	acataaacat	tcctcagaag	aagacaagga	taaaaaacat	240

aaacataagc ataaacataa gaaacacaaa agaaaagagg ttattgatgc ttctgataaa	300
gagggtatgt ctccagcaaa aagaa	325

<210> 1714  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 1714	
cgttgctgtc ggaaggccgt ggtgcagcgc gtcacccggg ccagcgtcac agttggagga	60
gagcagatta gtgccattgg aaggggcata tgtgtgttgc tgggtatttc cctggaggat	120
acgcacaagg aactggaaca catggtccga aagattctaa acctgcgtgt atttgaggat	180
gagagtggga agcactggtc gaagagtgtg atggacaaac agtacgagat tctgtgtgtc	240
agccagttta ccctccagtg tgcctgaag ggaaacaagc ctgatttcca cctagcaatg	300
cccacggagc aggcagaggg cttctacaac agcttcctgg agcagctgcg taaaacatac	360
aggccggagc ttatcanaga tggg	384

<210> 1715  
 <211> 123  
 <212> DNA  
 <213> Homo sapiens

<400> 1715	
gtggatcaaa gatttaaata taaaatgaca aaacttctag gagaaaacat acaagaaaat	60
ccgatggca ctggcagata tctcttagat gacagcaaaa gcacaattta ttaaagaaca	120
aat	123

<210> 1716  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 1716	
cagtatcgat cccattaacc aaatctagcg aacattattg agcaatgact atgtaccagg	60
ctctgtgtta ggtgtgcca catatctgat gagtactact attactacta ttcatactac	120
cattacgaag aataacatct aacattttat taaatcctca ctggtagtga cagaaaccag	180
gctaagtgtc ttacatacaa tgtaagtttt cagcaccaca aacctattaa catggcttat	240
gggtgaggcc tacctaatat gatatcgaaa cgaaacagat caacaaacaa agcatctaga	300
attgtccact gttgccttat tcaccatgag ggcattctag agctagaag	349

<210> 1717  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(340)  
 <223> n = A,T,C or G

<400> 1717	
gatgcgtgtg agctgacgcc atttttttta ggactgggtc acactctggc acgcaaacta	60

tgaggcggtg	tcactatcat	ggttcaactgc	atcctcatta	taccatgagc	atgcagccct	120
cccccttatc	tggcgccaca	ggcgcatact	accatgctca	gctaagtttc	taaaagctat	180
tgtgtaaaaa	caggatgtcc	ctatggtgcc	caggctggtc	tcagactcct	gggttcaagt	240
gatcagcctc	ccaaagagat	gggattattg	ttgtgagcca	ctatgccag	gtaattgcat	300
ctgctttaga	gagaagagga	caaacagata	gatacactan			340

<210> 1718

<211> 325

<212> DNA

<213> Homo sapiens

<400> 1718

tcactcctgc	ccctctcctc	caggcaatca	aactttggtt	tctgtcacta	tagattcgtc	60
tgcatttttg	ggatatgtag	atatattctg	aaatactgta	tattctgaaa	atacactata	120
tgattctgaa	gtcatacagt	atattctttt	tttggctcgg	catcttttac	tcagcataat	180
tatttttagat	tcattccagg	tgtaccttat	tgatagttca	ttcattttat	tgctgagtag	240
tagtccattg	tacagataca	ctacaatctg	ttcatccatt	catctgttgg	ttaacattta	300
ggttggtgta	tatatttttg	ctatg				325

<210> 1719

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1719

caaccacat	atttattgcc	attaaaagta	tagataaaa	caatttgaca	tcaaaagtat	60
ccaacattgc	acaagtaact	ttgtttatcc	ctcaagcaaa	tcctgatgac	attgatccta	120
cacctactcc	tactcctact	cctactcctg	ataaaaagta	taattctgga	gttaatat	180
ctacgctggt	attgtctgtg	attgggtcgt	ttgttaattgt	taactttatt	ttaagtacca	240
ccatttgaac	cttaacgaag	aaaaaaatct	tcaagtacac	ctagaagaga	gttttaaaaa	300
accaaacaat	gtaagtaaag	gatatttttg	aatcttaaga	ttcattccat	gtggg	355

<210> 1720

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (331)

<223> n = A,T,C or G

<400> 1720

aatcccaact	acttgggagg	ctgaggcata	agaatcgctt	gatcccgga	agtggaggtt	60
gcagtcaccc	caacncatac	catttccttc	taaatcttac	atacttcata	gaccttcctt	120
aaatctctca	ctacattctc	tttatttacc	ccaatactca	tatctcttga	ccgactgtaa	180
tctttatttc	ccctttttca	ctaagtccct	aaccactcc	ccttacctct	atctacacct	240
tgccccctca	aaacaaaaca	aaaccctatt	tatgtgtgga	aatttattct	aatacttggg	300
acctgggttt	aaaccaatt	tgttcttctt	g			331

<210> 1721

<211> 233

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(233)  
 <223> n = A,T,C or G

<400> 1721  
 tgaataacag aacttacttc ataggggttg tataagaatt gaatgaaaag tgcacagcat 60  
 gacaaatagt aaacactcag taaatgttag ctattactat tactagtctg acttaaactg 120  
 ttatcatcac atttgatgtg ataaagaaca caagggtttc taaatagact cccatgggag 180  
 ctgggagggg agggtagtag atgagaatct gcttatttgc tggaattttc tcn 233

<210> 1722  
 <211> 204  
 <212> DNA  
 <213> Homo sapiens

<400> 1722  
 tgaataacag aacttacttc ataggggttg tataagaatt gaatgaaaag tgcacagcat 60  
 gacaaatagt aaacactcag taaatgttag ctattactat tactagtctg acttaaactg 120  
 ttatcatcac atttgatgtg ataaagaaca caagggtttc taaatagact cccatgggag 180  
 ctgggagggg aggggtgtac atgg 204

<210> 1723  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 1723  
 gagatctcag ctctctgcag cctccacctc ccagggtgcaa gtgattctac tgcctcagcc 60  
 tttggagtca ctaggattac aggcgccccg caccacacct ggctaatttt tgtattttta 120  
 gtagagaaga gcagggatca tgatgggcta gatatgctgg acttacgagc ctgctgtcta 180  
 aggcctttctt aatgctacca ttacaggggt gagccactgt atatggacgg ttgattgcgg 240  
 agtaaaataa cgtatgcttg ataagaataa gatatacaac ggagataaca cctacttgat 300  
 ccgttcttgc ccacctctaa ggagctatat tgaaccac 338

<210> 1724  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1724  
 cggggacgtg tggggactta cgactgtag accgccccga aaaaagggtt ttacttgcca 60  
 attatgagat gctattactt aaaccggtccc caccatcatc tgcaataaat gtctttacta 120  
 caactacagc attcattcta tegtccaggc tcacatctat agatgcgcaa tgctctgaag 180  
 gctgaggcag gagaattgct tgagcccagg aggcagaggt tgcagtgtgc cgagatcatt 240  
 ccattgcgct ccagtctggc gacagaacaa gactctgtct cttaaaaaga aaaagaaagc 300  
 aaaagtggg gggcttattt tataag 326

<210> 1725  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1725  
 gttctgtcat cagtacttat taagggtgtc tgatgtagta agcaagatag tttttacagt 60  
 cctaggctta ttacaagttt agtaacccca gtggactgag aaaatctttc tcaatagctc 120  
 tggcaaaaaa ttctctctggg aaaatatgac tgatgggagt ttggatcatt tgcccattct 180  
 tgaaccaatc attgtatagt tagccctctg tatataaggg ttccgcactc gtgtattcca 240  
 ccaatcgcgg ttgaacaaaa ttttggaata cgctgggcgt ggtggagcat ccccccttct 300



<210> 1726  
 <211> 303  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(303)  
 <223> n = A,T,C or G

<400> 1726	
ttcgcatthtt cctgttaact aataatgctg agcatctttg catgtggcta ttggctatth	60
gtatatattc tttggttaaa gtctgtttta ttcatthtgc tctctcactt tataaaattg	120
ggctatthtt cttctaatta ttgaatcata agatthcttt atatatgatg ctctataaaa	180
gtatcttgct acatatatat atcgnatthtt ttctcctagt ttgtgacctg cctthtttata	240
ttattaatag tatcctthtg ggagcaaaca tthtaattt tgatagtcta atthtattc	300
ttt	303

<210> 1727  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 1727	
atatagaatt tcaatacatth tactcaaaat gtggagtaag atagagthtca agatctthaga	60
ttctagaaac tatatagcag gaatatgacc ataggctact tcctaacagc tgtgtgattt	120
gggtataata acttaatctc tthtaagcctc atthtctcct ctgaaaaact gaagaaataa	180
cacctactcg tctgagthtct taaaaggatt aaatagcgtc gtgtgtcatt ttggattcca	240
ccagcagcac agtcaggagc aagtatccta acacaagaaa tthgtcatgg tggtaattcc	300
aggaaagtct ggtggagaca ggggaagtga gactgaga	338

<210> 1728  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1728	
cacaaaaaac aaattgtgaa ttaaaaacaaa ttatataagt aaatgcatat ttagcataag	60
aaaagaaatc cctcaaaat accaaatthtt atctaataca tactacaata cataaaaaata	120
atthttthttt tthattaact tcatagcata cthttctaat accacatthtt cthttctthtt	180
thttthttthtt tggaaacaaa gthttctaaa tthtttgccc aaggctgcaa aacagggggg	240
ggattthaagt taattgaaac cthttctthtt agggtaaaag gaatthttctg gcctaagcct	300
ccaaaaaagt taaaataagg ggggggcaca acattgccgg gttatatttht tgt	353

<210> 1729  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

<400> 1729	
cgthgtctgtc gctgaggthtt cthtaatgth cthttthgaat cthttgagata caggatctat	60
tactthgtatc tgagagaatt ttgatcatga gthctthtgga gatctthtttc atattactct	120
ctgaatgtat tgggataagg tgtaaggggcg ctgctthtcta cthtaatctg ataataatggg	180
gaattgtgth aatagatgth ccaatgthtt ctatgcctta catccctagg ataaatccaa	240
ctgtgccatt ttgttaacct tacaactgth agthtaaaccc ctgtctgaca ataatatca	300
cttatgtggt cattthttgct tthtaaaaca cthttatthtt ttattgagac agggcctthg	360

tctgtcagct aggctggagc gaagtgggac ttctctcccc ttaactgga

409

<210> 1730

<211> 292

<212> DNA

<213> Homo sapiens

<400> 1730

at tt t a t t a t a	t t t t a a c t t g	t g a a a g g g g t	t a a a g t g a t a	t t g t c a a a t t	t c a t a t t a t t	60
c c a t t t t t t a a	a t t t t a t t a a	t a a a c t t t g a	t a t g a c t t c a	c a t t t t t t a t a	a t a c a t t t a a	120
c a a a c a g g g t	g a a a a a g a g	a t a g t a t c t t	g a t a g t g c t t	t a t t a t t t t t	c t t t a a t c a t	180
a t a g a c t a t a	t t t t c a a a c t	t t g t a t t t t a	a t a t t t a c t a	t t t a a t a a a t	g c t a t a g t t t	240
t c a a a c a t c t	t c t t c c a t t c	t a t t t t t t t t	a a a c t a a c a t	t t c t t a t t t g	c c	292

<210> 1731

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(339)

<223> n = A,T,C or G

<400> 1731

g a t g g a g a a a	t a g a g c t c a c	c t c t t c t g g g	t a g a g t a g t g	g c a a a g t c a c	a t t g t a n a a a	60
a g c c t g g g a g	g t g g a a a a t t	t t t t t c a t g a	t t g t c t t t g t	a a a g t a c a a t	c t a c t a c c t a	120
c a c t t t t a a c c	c a c c a a t t c a	t c t t t t a g a a	a t t t a t c c t g	t a a g t g g a c t	t a c a a a t g t g	180
a a c a a a a a t a	a a t g a a c a a g	g g t a t t t g t t	a c t a a a a t a g	t a a t a g c a a a	a g a c t g g a t t	240
a a t c t a a a t g	t c c a a t a a t a	g g g t t a t t t a	a c c c a a t t t a	t t t g t g c c c a	t g c a a t g c a t	300
a g c t a t g t g c	c t g g c t t t t t	t t t t t t t t t t	t t g g a a a g g			339

<210> 1732

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1732

a g a g g a a g a a	g a g a a a g t g g	c c a c a g g g a c	a g g g c a g c a a	g g g t c a a g c c	t g c a g g g g g a	60
g a g a t g g a t g	g g t g a g g g c t	g t g a g a a a c t	c g g g g a t a c c	c a t g c c c a g t	g g g a c c a a g g	120
g a t g g g g c t g	g a g t g c a g c c	a c a t g t t c c a	c c t c c c c c a a	g t g c c a g g c t	g c a t t g g a c t	180
t t g t c c t g g a	g c c g t g c a g a	g c c a t g g g a g	g t t t t t g a g c	a g g g g c t c g g	a g g c c t c a g c	240
t c a t g g t t t c	c a t c t g g t t c	c a g g c t g a t g	g g g a g g c a c c	a t c a c a g c c c	a g g t c a g g a a	300
g g t g a g a c a c	t c a t a c c a a a	c a c t t a g a a a	a c a g g g c c a g	a		341

<210> 1733

<211> 311

<212> DNA

<213> Homo sapiens

<400> 1733

a t c t c a g a a g	a a a a t g c a a c	c c a c a t a t t t	a t t g c c a t t a	a a a g t a t a g a	t a a a a g c a a t	60
t t g a c a t c a a	a a g t a t c c a a	c a t t g c a c a a	g t a a c t t t g t	t t a t c c c t c a	a g c a a a t c c t	120
g a t g a c a t t g	a t c c t a c a c c	t a c t c c t a c t	c c t a c t c c t a	c t c c t g a t a a	a a g t c a t a a t	180
t c t g g a g t t a	a t a t t t c t a c	g c t g g t a t t g	t c t g t g a t t g	g g t c t g t t g t	a a t t g c t a a c	240
t t t a t t t t a a	g t a c c a c c a t	t t g a a c c t t a	a c g a a g a a a a	a a a t c t t c a a	g t a g a c c t a g	300
a a g a g a g t t t	t					311

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<210> 1734
<211> 343
<212> DNA
<213> Homo sapiens
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<400>	1734						
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aaatacagct	attggcataa	caaattatta	aacataacca	agtatatgct	gtctacagta		120
aactcacttc	aatataaagc	agtttgaaag	taaagggatg	gaaaaagata	cattatgcag		180
atattaattg	aaaggaggaa	tggtatgtt	aacattagat	aaagtatatt	tcaaagcaaa		240
gaaaatattt	tataattgata	aaagaatcag	gccgagtgca	gtggctcatg	cctgtaatcc		300
cagcacttat	qqaqccqag	gcaggtggat	aacctgagat	cag			343

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<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G
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<210> 1736
<211> 390
<212> DNA
<213> Homo sapiens
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<210> 1737
<211> 420
<212> DNA
<213> Homo sapiens
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ccctggagaa	gaaggaagaa	gaagtaactt	cagaggagga	tgaggagaaa	gaagaagaac	360
aacacaacga	agaggaggaa	gaagaagagt	ttgatgaaga	agaacctgaa	gaggaaactg	420

<210> 1738  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1738						
ggcacgagga	ggacgaggac	gtcaaggata	actgggatga	cgatgatgat	gaaaaaaaaa	60
gaggaagcag	aagtaaaacc	agaggtaaaa	atttcagaac	agaaaaaaaa	agccgagaag	120
ataaaagaga	aagaacggca	acagaagaaa	aggcaagaag	aaattaaaaa	gaggttagaa	180
gaacccgaag	aacctaaagt	gctaacacca	gaagaacaat	tagcagataa	actgctggta	240
aagaaattac	aggaagagtc	agacctcgaa	ttagcaaagg	aaacttttgg	tgtaataaat	300
gcagtttatg	gaatagatgc	tatgaaccca	tcttcaagag	atgactttac	agagtttgga	360
aagttactaa	aagataaaat	tacacaatat	gaaaagg			397

<210> 1739  
 <211> 429  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(429)  
 <223> n = A,T,C or G

<400> 1739						
ggcacgagcc	atcttcaaga	gatgacttta	cagagtttgg	aaagctacta	aaagataaaa	60
ttacacaata	tgaaaagtca	ctatattatg	ccagtttttt	ggaagtctta	gttcgagatg	120
tgtgtatttc	attggaaatt	gatgacttga	aaaaaattac	caattcactg	actgtgcttt	180
gcagtgaaaa	acagaagcaa	gaaaagcaaa	gcaaagccaa	aaagaagaag	aaaggtgtgg	240
ttcctggagg	gggattaaaa	gccaccatga	aagatgatct	ggcagattat	gggggggtatg	300
atggaggata	tgtacaagac	tatgaagact	tcatgtgaca	ttttatcttt	tcttgngtct	360
atcttttatg	tgcccacaat	cccttgaaca	tgtagcacia	cttccttttc	tttcagttct	420
gccaaatgn						429

<210> 1740  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 1740						
tatacgacag	aaggggtaat	cccaaaaaact	tgggaggctg	agataggagt	atcacttgag	60
cacagttcca	gaccactctg	gacaacagag	caagaccccc	agaaaatgaa	aattaaaaaa	120
tggcaaagtc	agaatacatg	ttgaatttaa	aagactacgt	tttggagggtg	tagctgatcc	180
caagctgtta	tgagcaaccc	cctaaggact	gcagatggcc	tggatccagg	ttctgagtta	240
gagcagcaga	cagtctagag	ctatagccac	acagagggct	ggggattgag	cagcaggggtc	300
tagacacgac	cctgccacag	taggtcgtct	ccctctgttg	gcacaaacag	acatgacatt	360
gttggcagag	tn					372

<210> 1741

<211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 1741  
 aattagaata attgggaaat gattggaaaa tagaaatctt aagctagaaa acatgtaact 60  
 aataaaagta gtttcattaa aacaaaataa ataaaaagaat aactaggaat atcctaataca 120  
 agtaagtaat ggagagtata caaaataatt agtaaaagga gggatatatc caagatagta 180  
 aaaactttta atatttttgaa aaattttatg ctacatattt gatattttta agaaaacata 240  
 atttaccaa actgacccca gaataaatat aaagtgttcat tctgttaaca caataaagaa 300  
 aatgtacaaa aggctatctt tcagaaatgt accaagtcca g 341

<210> 1742  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 1742  
 cctgaatgga gtgaacaaga gggccatgca gatatcttgg aggaaagaca ttcccgggca 60  
 aggaaacagc aagtgc aaaag gccacaaggt gggattgagt gtggtgtgtt tgaaagctga 120  
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaaag 180  
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240  
 aaccaatgaa gggttttcag ctaggtaaca tgatccgatt tactcccttt aaagattggc 300  
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaggc aagaggattg 360  
 tttgagctca ggagttcaag atcagcctga coan 394

<210> 1743  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 1743  
 cctgaatgga gtgaacaaga gggccatgca catatcttgg aggaaagaca ttcccgggca 60  
 aggaaacagc aagtgc aaaag gccacaaggt gggattgagt gtggtgtgtt tgaaagctga 120  
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaaag 180  
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240  
 aaccaatgaa gggttttcag ctaggtaaca tgatccgatt tactcccttt atagattggc 300  
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaggc aagaggattg 360  
 tttgagctca cgagttcaag atcaa 385

<210> 1744  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 1744  
 ggcacgagat tgcataatagt cctgatggga aatacctagc cagtggagcc atagatggaa 60  
 tcatcaatat ttttgatatt gcaactggaa aacttctgca taccctggaa ggccatgcca 120  
 tgcccattcg ctccctgacc ttttccccgg actcccagct ccttgtcact gcttcagatg 180  
 atggctacat caagatctat gatgtacaac atgccaattt ggctggcacg ctgagcggcc 240  
 atgcctctg ggtgctgaac gttgcattct gtcctgatga cactcacttt gtttccagtt 300  
 cgtctgacaa aagtgtaaaa gtttgggatg ttggaacgag gacttgtgtt cacaccttct 360

ttgatcacca ggatcagggtc tggggaggaa aatacaatgg aaatgggttca aaaatttggg 420

<210> 1745

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1745

acgctgatgc	cgcattctgta	tacacccgtg	gaactagcat	caagattaag	ataatgaaca	60
tgttcatcac	cctcaaaagt	tccccgatgc	ccctttgaaa	tcaccctttc	catcctttcc	120
ccaccctcct	gcccggcaac	cactgatctg	ctttccgtca	ctatagatga	attagcttag	180
attttctaga	gtgatgctta	tgtggaattg	tacagcatat	attctcatat	tatctcgctt	240
ctttcactca	gcataatcct	gtcaacatta	ttccatttgt	gccatgtagc	atcacttgat	300
cgtattgttg	agtaggattc	cattttatgg	ctagatcaca	atttgtttct	ccatttgtct	360
attgatgggc	atctgggtca	tttttcaact				389

<210> 1746

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1746

tgggtgaata	acagaaactta	cttcataggg	ttggtataag	aattgaatga	aaagtgcaca	60
gcatgacaaa	tagtanacac	tcagtaaatg	gtagctatta	ctattactag	tctgacttaa	120
actggtatca	tcacatttga	tgtgataaag	aaacacaggg	ttttcaaaat	agaatg	176

<210> 1747

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1747

gagtctcact	ctggtgcccc	ggctggagtg	caatgggtgtg	atctctgctc	actgcaacct	60
ccgcagcctg	ggttcacgcc	attctcctgc	ctcagcctac	caagtagttg	ggagaatagg	120
cgaattccac	cactctcgca	tttgtgatag	gactttttaa	aggactcgga	gtccaaatac	180
taaaaacagg	atggccggaa	tctccagacc	tgatgatctt	gctgccttta	tatttaaagt	240
gccaggacta	tacgccgaat	aatgggtggc	ccccttgaag	acgcaaccct	gtcctttgct	300
tatgaattgg	gtgttgtacc	gattctcctg	atatccctat	aggcaattgt	cggaaatag	359

<210> 1748

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1748

cagggtgaat	ctgccttagg	ttccctgcct	tcagacagta	ttctcctgcg	gcaacacttt	60
gctgacaact	attcttgaaa	atacggggat	tggatttttc	atgggtggtt	tcattggggct	120
gagaacttag	aagataatga	ctgcttcctt	catctgggga	tgggatttaa	atgtaattga	180
gcaactcactg	ttttcttgag	aagggtggag	atactagctt	ccttataaag	ataaagggggt	240
gcgagaggca	ggatttttagg	aactcaaatac	tatgtgggaa	ccggcgagca	tgaattcctt	300
tttctttccc	aatcccaatac	ttttattg				328

<210> 1749  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 1749	
tatatgaacc gactaaaaga ggaaaataac accatgggca ttcctccctt ttgcctggaa	60
ccatgttgac taaaatgtgt gcctattata agccaattgt gtcctcactt ggcgtgggtt	120
caaggtaaca aagatttgat cttatttaat ctcttctcac atgtggtaga cagaattcct	180
aggtgaccca catggctttt gttccctggg gttactcgca tggatcatgtt atgttgacagg	240
acaaatgata ttatgcagat gtaattaaaa tgacttacta atcagggtgac cttaaagagag	300
attatctaga tggatctaac gttatctcac gactacttta aaaacag	347

<210> 1750  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 1750	
tgcatacatg ttttaaaaca tcatactgta tcccataagt ttgtacaatt actatatgtc	60
aattaaagat aaaatacaac tttaaaaaat tgtccaaaat gaaacataca gaaaataactt	120
taagaaaaag caaaagagca tcaatgagtc agtgagttat ggaacaactt caagacacct	180
aatatacacg taattttaagt ccctgaagaa aaggggtgta taaaaatatt tgaaaaaata	240
atggatgaaa ttttaaatat ttggtaaaaa ccataaaact gtagatctaa gaagctn	297

<210> 1751  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1751	
aaatctttac cttagctttgt tttctaagcc ttcatacagaa tctaggcttt ttctagtctg	60
ctcctccaaa ttattctacc tgctgcccc a ttataccag tttcaaagct gcttccacat	120
gttcaggat ttctcgttgt cagtaacacc ctacttcttg gtaccaattt tccagaattc	180
catgaactct accaccagtt aacccaatgg taactggaac atattccagc taagaaattc	240
agcagtttat taaaaattaa tggatctagg ccaggcatgg tggtcacac ctgtaatccc	300
aacacattgg gaggctgaga tgagggga	328

<210> 1752  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1752	
gaatgcaaaa agagaaaggc cgaccatgcg gtggaagggtg cggaggaagg ggaggggaggt	60
actcatcatt gtggagggcc ccaaagcatc ggaatgggac ggcatgcaca taatgaatcc	120
ttctccctgg cgaatctaatt gctgttacgt ctccatgtca ggaaagccat ttaagaaaca	180
aggatatgcc ggtcgcgagg gatcactctt tttattcctg cactttggta ggcctttggt	240
ctcacattga cttatgtcat gtattactta cctttctggc caccctcgtt tcaagaccct	300
attaatttta cttctccatc ccttttcttt ggagtcctccc ccccgctgcg	350

<210> 1753

<211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 1753							
tcatcacttt	ttaatataat	gttaattaat	ttgcataatt	atcatgacaa	gtacaagtga		60
ctttcacagg	taaagaagca	gacacaactg	attttgactc	tggttaagcaa	caccactcaa		120
ggagaggggt	ggaagcagaa	gtgcctgagt	ctcctatgga	gtagcctgtc	agtgactggg		180
cagcccttgg	gcagtccatg	tggttatggg	gaaggaagag	cattaatgaa	tccaatagtt		240
tggttaattc	taactgaaca	gtattctttt	aaaatttaca	tgtcccttat	tttaagaata		300
atatgtttat	tatatatata	ttgaaataat	atgtttca				338

<210> 1754  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 1754							
ggcacgaggg	tgggggtgct	ttatcctttc	tgccaagtgc	cgtgacactt	ctgaaaaatc		60
tccaggagca	agtgatggct	gtaactgcac	aagtgaatc	actgacacaa	aaagttcaag		120
ctggggccta	tcctacagaa	aaggggtc	gcttcttgga	agagaaagac	cagctgctgc		180
tcatgtacct	tatggatttg	acccacctca	ttctggacaa	agcctcagga	ggatctcttc		240
agggacatga	tgcagttttg	agactgggag	agattcgaac	ggttttggaa	aagcttcgtc		300
ccttggacca	aaagctgaag	tatcaaattg	acaagctgat	caagactgca	gtgacaggca		360
gccttagtga	gaatgaccca	cttctgttta	aagccccg				397

<210> 1755  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 1755							
ttgtggctat	agagttactt	tgtatgattt	tgatcattta	aatttatcga	tacttatttt		60
atgacacagt	gtttgggtcta	tcctggaaaa	cattccatat	ttgcttgaga	aaaaaatcta		120
tatatctctg	tggtgttgga	tggagtgggt	attcaaaata	caactctgtg	ctaactttct		180
gttttagttt	tctaccaatt	attgagataa	tgcattgaag	tctccaaata	ttattgttga		240
tttgtgtttc	tcttttcaat	ttagcttctg	tttgtatttg	gggaatctat	tactatgtga		300
tatgatctat	atatgt						316

<210> 1756  
 <211> 156  
 <212> DNA  
 <213> Homo sapiens

<400> 1756							
tggtaccgct	tggaaaggac	aagagaaggg	atctgttgcg	ggaagacgac	cgagagctac		60
tggtgctaca	agacgaaaca	ccgtctctgc	tgagagtaca	cgaattatag	gtgcttgtgg		120
gcacgcacca	gtgatcgcta	ctgggtgcgga	agggag				156

<210> 1757  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 1757							
gcctcagccc	ccaagtagct	gggatgacag	gtgcatgcca	ccacgctggc	taatttttat		60
attttttgtg	gagacagggg	tttgccatgt	tgcccaggct	ggtggtgaac	tcctggattc		120



aacctttctg	cctgccttgg	gctcccaaag	tgctgggatt	acagatgtga	gccattgcgc	180
ctggccaagg	cttgatatta	ttaagtcaat	gcttctcata	ttggccta	ttatagatca	240
atgcaattat	aatcagaaac	ctagcaggtc	tgtggggggg	cgtaaattga	catggtggga	300
ctaaaaggta	tgtgaaaatg	caaag				325

<210> 1758

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1758						
cgttgctgtc	gctttgattg	tcattctcct	gggaagccca	gtctcagtcc	ctcccccaac	60
actgtccaca	ctgcccctcc	ccactgttta	tttattgcac	ggatctaagt	tattctcccc	120
agccagagcc	cgagctcctg	ctccctggga	aaagtggcgt	atggccctga	gctgggcttt	180
atattttata	tctgcaaata	aatcacattt	tatcttatat	ttagggaaag	ccggagagca	240
acaacaaaaa	atgtttaagc	cgggcgcggt	ggctcacatc	tgtaatccca	gcactttggg	300
agtccaagga	gggggatcgc	ttgagtcag	gagtttgaga	ccagcctgga	caacatggtg	360
aaaccccatc	tctacaaaa					379

<210> 1759

<211> 112

<212> DNA

<213> Homo sapiens

<400> 1759						
tacggttcga	gaagaacaat	aaacggttcg	gcttgcttaa	tacgactgaa	cggttcggct	60
tcgacatgaa	cccccaaagg	gctgggttgc	tgaataagct	tgaacggtac	gg	112

<210> 1760

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1760						
cgttgctgtc	gctgtcacag	acacataact	ggaaatgtga	ttttattctc	ctggatggac	60
aattgtgatg	gattttttgg	gttccgggct	tcaggctttg	caatctcacc	ttctttgccc	120
ttcctcttgt	cataatggaa	gaggtgctgc	taatttgggt	tccatccttt	cctgctttca	180
gagactgtcc	tgtgatttcc	taaaacattt	ccattagttt	gtttgaattt	tctgattttc	240
ttcccttagg	gccctccaca	ggcctctgtg	ctagtgcctt	gaatgatggc	aagtgtacaa	300
aaaaaatttt	ttttcttttt	aagacgtttt	tgttctgtca	cccaagggtga	gtgcaatggc	360
gngatctngg	gtcactgcan					380

<210> 1761

<211> 160

<212> DNA

<213> Homo sapiens

<400> 1761						
gaacctcctg	ctccagcctc	tgccctcctc	atthttgatgt	ctagaatcag	gggatccagg	60
atcatcacca	aggtcatttt	cccagacaga	tgtgctgagg	ctgtagaaag	tgctttttat	120
ttggttgagg	gcctgtgcat	aaatgcgaga	ggggctgcac			160

<210> 1762  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

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<400> 1762
ttattgggta tatgcaatgt gtgtgtccat gtgtacctct cccacagtcc ctcaaagtgt      60
gagggtagaa cttccaataa actttctctc cactgtgctt acatagccca ctgcacatgt      120
cttctacatt gtattatagt tatttgttca cagatttttt ttttaccact aaactatgat      180
cttgtcaagg gtggagacgt ctttatcttt ataatccaag tgcctaggac atttcctgac      240
acatggtagg agttaaatat cttgggttgaa ttaatataca aataaaaacag ggagcattgt      300
ttaagaatat gaattattgg ctgggtgcgg nggctcatgc ctg                          343
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<210> 1763  
 <211> 246  
 <212> DNA  
 <213> Homo sapiens

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<400> 1763
ttcctgtgac attggacaac tgaaaggctc ttatgcagga agacatatgc ttagcacatg      60
tgccagaagc actactacca ggtctttatg ctagaatcat gaaaatgtat attctcgag      120
aaagtctacg caagtgctta ttgcaactat acttataatt gtcacagatg gaagcaacca      180
aatgtccgac aattcgtaaa tagataaacc agctgcactg tcattggtgg ctcacgctag      240
cacttt                                         246
```

<210> 1764  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

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<400> 1764
catacctaat agctcaacag tgtatagcca attactaaca atgtcatttt tgtaagctaa      60
tgaggattcc tgacaaacca ctttatactt tcatcatcac tccctctccc aattcatcat      120
ttttttcttt agcagctcca gtctctcctt tgttctccag agcacttccc aaggtaactt      180
agaagtattt tctgggctgc agtccttaac tttaggccaa ataaaccctc tacctatagt      240
aattttggct caatttcttt ctttaggcca acactcctaa aaatcacaaa tgaagctgaa      300
tgggcattca ctttctgctt tcatcttctt ggggataaga actataaaat ccttggccgg      360
gcgcgggtgg                                  369
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<210> 1765  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

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<400> 1765
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ttaaaaattt aattcatgtc aatgtgatca aacagatcaa tttctttcat tgtcctgggt      120
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caattatggt	aacattat	tcccaggaag	ataatgttcc	taggaacata	tagattttaa	180
aaaccagcaa	ataggaaaa	atgtagggtg	tagacttctt	ttccaggtag	tctttgaaaa	240
atgaacagaa	ttcagtattg	aaaatatcta	tggttctaac	tttgtcactg	tgtaacctta	300
aataaattac	ttagcatctc	tgagtcttta	ctttctaaac	tattaan		347

<210> 1766

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1766

ccagcctggg	tgacacagt	agactccatc	tcaaaaaaat	aaaaaacaaa	aaaaccagag	60
aataccaaga	aagtgcata	ctatatatac	atacatatgt	gtatatattt	gcataaataa	120
atccagaaga	tgccaaaga	acttatctag	gaatgtggga	gggcatgggt	catttagatg	180
aataggagg	aacagttaga	gagagtccac	actttgtatg	ttttcatatg	gttaggtttg	240
aaaccatgtg	aatgtattac	ttactcagaa	attaaattag	gccaggcgcg	gtggctcacg	300
cctgtaatcc	cagcact					317

<210> 1767

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1767

cgttgctgtc	gataaggggc	aggtcttggc	cctagaggat	tgagatgttt	ttctaaatct	60
tagaactatt	tttgataaaa	ttatatattt	tccttcctag	tagaagtgtt	actgcctgta	120
actagctcaa	aataccaatg	cagtttctgc	attctgggtt	ttggttttcc	tttttttttt	180
tttttttggg	gtttggcttt	ggccccccag	gtgggggggc	agggggggaa	tttaatttaa	240
tgggaaaatt	tggcctccgg	ggtaaaaaga	attccccgcc	ctaaccccc	ggagaaccgg	300
gaataacggg	gccccccccc	ccccctaagt	aaattttggg	tttttaaaaa	aaaagggggg	360
ttaacattgt	ggcccggggg	gtttttt				386

<210> 1768

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1768

aatagtttgg	ttaattctaa	ctgaacagta	ttctttttaa	atttacatgt	cccttatttt	60
aagaataata	tgtttattat	atatatcttg	aaataatatg	tttcaataaa	ttgaaaataa	120
aacacataca	tacacacata	cacacacaca	cacacacaca	cacaatgcac	cacctggaaa	180
atcactataa	atattcaatc	atttctatttc	cataatgctc	tcttatgcaa	ggaccactta	240
caacacaata	atttttaaac	acagtccatg	gttttagcta	atactgcata	tatcacataa	300
aataggaca	atatgccctt	ataatgagtt	attcttggtg	taactca		347

<210> 1769

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1769

agtacattat	gaccactggg	tttatttctag	aaatgcaagg	ctgatgtttg	aaattctcca	60
tattaagtaa	gtaaaagggg	ggaggcacag	atatcaattc	tccccaaatt	gatacttaga	120
gtcaaagtaa	tcccaaccac	attcccaaca	gttggtgaag	aaatataggt	ggattctcta	180
ttatttttct	gtattgagct	ctaaatagat	acagaaaaaa	aattgataaa	attcaatact	240
tattttgtat	ttaaaaataa	tcatgacaca	ccccgaacag	aaaggaacct	ttttaatttg	300
aaaaagctta	tttacaataa	cctatctaac	cattgaaaaa	ttcttcttct	ttct	354

<210> 1770  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 1770  
 tctacagctg agagaagaca ctgaagggat gggaaacgct gcgacctctt acagaggagg 60  
 aaagtctcatg gacttctagc ttctagaact gtgatacaat aaactcctgc tgcttatcta 120  
 ctccctctgca gtattttgtc atggcagccc tagcaacta ctatagtgc tgtgggggtt 180  
 aggatgacac caagcatcaa atgccactcc ctgttccaac agtgagacca ttccacagcc 240  
 cctgaatgac aagacaggcc ttcaaaactca agactacctg gctaaggtag aagtacttta 300  
 gtcacaccac ttctgaactt tcttgccctac ctgcagggca agaattttta ccatttttaa 360  
 atgtggacac tgaagctcac a 381

<210> 1771  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 1771  
 ggcacgaggt ccctgaaaga aagttctgta tggattcctt tcatgcggtg aaggaacaac 60  
 aacaatattc aacttcacct tggcgtgtga gggcgcgcgc gttttataac actatccctg 120  
 tagaaagatt agtgaaatgt attggaagaa gtaatggaaa cgtgaatctt cctgggctcg 180  
 cgagtggatc ttatttggag tcctcacctt cttaaactctg atgtttgttt gaaatcacgg 240  
 ctgaatttcc atatatagga cagaaagaaa gaaccccaat tttttaaaga aagctcccc 300  
 cccccgcgc cgcttttttc ctgaaccac ttggtctccc gttataaggc ggccacaata 360  
 aaaggcaaca attttctttt agtcttttga cgccattata ttt 403

<210> 1772  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 1772  
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 gctactcagg aggtctgaggc aggacaatca cttgaaccca ggaggtggag gttggagtga 120  
 gccgagattg cacaccacta tactccagcc tggcgacaga gcgagactcc gtctcaaaaa 180  
 aaaaatcact ctgtcaacag caacaatata ctttcttctc aatgttcatt acaagctttg 240  
 tgctgggcca caaaacaagt ctcatgaaat gagatagaat taaaatcacg canagtgtat 300  
 tctctgtccg cagtggaaat taggactcgg n 331

<210> 1773  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 1773  
 agtctgggtg acagtgcagc ctcttcacaa aaaaaaaaaa gggggggggg ccggacccat 60  
 gggctcacc cttgaaaccc aaccttttgg gaggcccggg gctggcgatt caaaggagac 120  
 gaaaacaaaa cccttctggt taaccgggga aaaccctgtg ttttcttaaa atgccaaaaa 180  
 aaaaatttac ccgggcgggg gggaaagccc ctgttaccac aatttctttg aagggtgggg 240

ccagaaaaatg	ggggaaaccc	cggaggggga	atttggttga	aactaaaaat	gccccactgg	300
actccaccct	ggggaaaaaa	aacaagaaaa	atttctaaaa	aaaaaatatc	cctttgaacc	360
ccctcttttt	tga					373

<210> 1774

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1774

tctcccaaag	tgctgggatt	ataggtgtga	gtcactgttc	ccagccgaga	cactgtctca	60
taaaaagaaa	agaaaaagaaa	aaaaaaaaaa	gggtgggggg	caggggttca	caccgggtatc	120
cccacctttt	tggggggcaa	aggcgggtcaa	acccccgggg	gcgggggagt	aaaaactcct	180
ctgcccacg	ggcaaaaacg	ttgtccttta	taaggaccta	aaaaataacc	cgggttggtta	240
cgaacctctt	tgaagcggca	ctaacgtgca	tcctctgagg	attcgtagta	ttcgccctaca	300
cttctcaca	cgatgtaatg	gattcacttc	cttctctaac	atagtagacc	g	351

<210> 1775

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1775

cctataactg	cttttgtgg	ggctcattgg	ttttaatacg	atgagtttct	attctaattt	60
gtctcaataa	atttttaaaa	taataaaaatt	gacccattgg	ttattttttg	agtgcattgt	120
ttaattttcca	tgtatgtgta	aagtatatga	cactgttggt	gatttccaga	tccatacctt	180
tgatacttga	tataatctcc	atcttcttaa	atttttttaa	gacttgatct	gtggcctaatt	240
gtatgatcta	ttctggagaa	tgttccatgt	gtagttgaaa	agaatgtgta	ccctacaatt	300
gttgaatgaa	atggtctgta	aatgtcttta	aggtc			335

<210> 1776

<211> 429

<212> DNA

<213> Homo sapiens

<400> 1776

gtctttttgc	aggatccgcc	gccatgaagg	ccgtgggtgca	gcgcgtcacc	cgggccagcg	60
tcacagttgg	aggagagcag	attagtcca	ttggaagggg	catatgtgtg	ttgctgggta	120
tttccctgga	ggatacgag	aaggaaactg	aacacatgg	ccgaaagatt	ctaaacctgc	180
gtgtatttga	ggatgagagt	gggaagcact	ggtcgaagag	tgtgatggac	aaacagtagc	240
agattctgtg	tgtagccag	tttaccctcc	agtgtgtcct	gaagggaaac	aagcctgatt	300
tccacctagc	aatgcccacg	gagcaggcag	agggtctcta	caacagcttc	ctggagcagc	360
tgcgtaaaac	atacaggccg	gagcttatca	aagatggcaa	gtttggggcc	tacatgcagg	420
tgacattc						429

<210> 1777

<211> 365

<212> DNA

<213> Homo sapiens

<400> 1777

cgggagtgtg	ggggagggca	gtgaatatga	taggatacca	ctcctgtgat	caggttacta	60
atcagttgat	tttttttagt	aatcaaaaagg	gaggttatcc	taactggaat	tgatcaaacc	120
aggtaatctc	tttaaaagaa	gatgaatgtc	agagtgtatg	tctcctcctg	gccttgaaga	180
caacgcaaac	tgagagaaaag	gggccactca	gcaaggatct	gagggcaacc	tataggaaca	240
gacagcctac	tgacaagaa	gcaagggtat	cagtcatagc	acaacaagga	aatttctgcc	300
aaaaaccagt	gagcctggaa	gagaatcctg	aacttcagac	gagactgcaa	ccttggattg	360

atddd

365

<210> 1778

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1778

cggtgctgtc	ggaactgggc	aacatagtga	cacccagtg	ctattacaaa	caaaacaaaa	60
acagatgaag	gcctgcattt	gcctgtaggc	tatagtttgt	tgatccctaa	ctagtaaattg	120
gtattcacat	ataaccacat	ggactttgca	ctgcacagaa	aaagtcagtt	tggggagaat	180
ttcagactta	catgtgaagg	acagatgtca	atdddttatt	ttatdddtt	tttgagacag	240
agtctcgctc	tgttgcccag	gctggagtg	agtggcatga	tcttggtca	ctgcaacctc	300
tgccccctgg	gttcaagcaa	ttcttggtc	tcagcctcct	gagtagctgg	gattacaggc	360
gtgcaccacc	acg					373

<210> 1779

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1779

gggcgacaga	gtgagacttt	gtcacgaaag	aaagaaaaag	aataaagaaa	gaaagagaga	60
gagagagaga	aagaaaagaga	gagagagaaa	gaacgacaga	aagaaaagaaa	gaaagaaaga	120
aagaaaagaaa	gaaagagaga	aaagaaaaga	acgagaaagg	aaagaaggaa	agaaagagaa	180
agaaaaggaac	aaagaggaag	gaagggagg	agagagagaa	ggagagaaag	aggaagggaa	240
ggagagagg	aacgcaggaa	gaatgcatta	ctgcccacag	gttatctctt	tatgcacgac	300
ttatgcctag	acgcgctccg	gtatacaaac	ggcaaagctc	taaaccggcg	ggctcgtact	360
taccaccctt	atctcccccc	aaccgcattg	cagccttctt	accctgcg		408

<210> 1780

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1780

gacatcagaa	tttgttatct	tgattttacaa	agaaaaaaa	caaaagatac	tctctttttt	60
aataaaactta	aaatgttcac	atggcaagt	ttcactcagc	aaagtacttc	agaacaaatt	120
tcagaatcac	cagagaacca	gtgaacaaag	aggggtgcaga	gataaggaga	ggcattagat	180
gataaagcaa	tcagttctcc	aaggagacat	aacagtcctc	actgtgtatg	caccaaacaa	240
cacaacaccc	caatacatga	ggcaaaactga	tgaactgcaa	ggagaaatgg	ccaattcaga	300
tactgactgg	attagaacaa	atacccaaaa	cttggggagt	agtgtcaat	a	351

<210> 1781

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1781

cggtgctgtc	gcgcgagatg	gattccgggt	gctgggtgtt	cggcggcgag	ttcgaggact	60
cgggtgttca	ggagaggccg	gagcggcggt	catgaccgcc	cgcgtcctac	tgcgccaagc	120
tctgcgagcc	gcagtgggtt	tatgacgac	cttaacttct	cgcttacgtt	tcacttccgc	180

ctcttttgcgt	tctttcttcg	cccccttttc	cttctttctca	tcccaccatt	ctgategttc	240
tccctgcat	ctctgctgc	tcttcatctc	tgcgctctc	gtacttttcc	ttcctccatc	300
tcttctctct	ccctcgctg	cgcgcgctt	actactcttn	ctagttctgt	cagctcttct	360
ttctgtctcg	cctctctttc					380

<210> 1782

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 1782

tctttttcta	ctacacacac	attttttagca	ccaacctctg	taatacatct	taacagattc	60
cacatcacat	tgtactgaat	tcatattttc	tctacttctt	tgtaagtatt	tttgccctgtt	120
cacatagaat	attaatgtaa	attgattctt	tagtcacttt	aaacttggca	ttgactcttc	180
taagagacaa	catctgagca	gtcttctact	tagacagcca	ttcaataata	gtgggacctc	240
tcaacacccc	attgtcacat	tagacagatc	atcaaggcca	aaaagtaaca	aattctgaac	300
ttaaacttga	cacgtgacca	atggcactta	atagatatat	atagaan		347

<210> 1783

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1783

ttttgaggga	tttttaaaga	aaaactacta	aatttgatga	ttgataacat	ctgtgcagtg	60
ggctgggctt	gcaggagggg	ttatgagaca	tggtgaggcc	agagtgggtca	agtgactgaa	120
tattgttgag	agtgagaagt	gagaagggca	ggagaccaga	actgaggctg	agagtgcagc	180
tataatgata	aagacggggc	aggcacagtg	gcttacacct	gtaatcgcac	tctgggaggc	240
cgagggtggga	gaattgcttg	agtcacagta	ttcaggacca	gcctggggcaa	tatagtgaga	300
ccccatctct	acaaaaaatt	taaaaaattag	ccaggg			336

<210> 1784

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1784

gttgagactg	caatgagccg	agatcatgcc	attccactct	aacccgggtg	acagaatgag	60
aacttgtctc	aaaaaaaataa	aaaaataaaa	aaaaaatgta	tcaaccaaag	tcatggagaa	120
ccaaaccaag	ttttgtctac	aaccatgatt	cttacagttt	ttggtttcag	gactctttgc	180
attttgaaaa	ataactgaac	accagaagc	ttttgtttat	atgaatttta	tctatcagta	240
tttactatat	tagaaattca	agtgaggaaa	aatttaaata	tgtatcaatt	catttaacag	300
aacatgagta	aactcattac	atgtaaacad				330

<210> 1785

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1785

ctataacaatc	tctgttgcaa	ctcttcaact	ctccctttgt	agcatgaaaa	cagtgatatg	60
ccatatgtaa	ttaataaaca	tggctgtggt	tcaataaaac	tttatttgca	agaacaggca	120

gctgggcaca	ggtgatctcc	tagccatagt	tttccaacct	tatttatctc	ccaaaggaga	180
tttccttttg	gagataaata	aggttagatt	tgatcttgag	ggtgagaaac	ttatgatagg	240
attaatatcc	tcataaaaga	agaaagaggc	cagggtgaggt	ggctcatacc	tgtaatccca	300
gcactttttg	gagggcgagg	gtggggcaaat	ct			332

<210> 1786

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1786

gtctccatat	aaatcgagta	tgattttccag	aaggaaagaa	aacaataaat	aggacaaatg	60
tgatatacaa	agtagagaca	ataatgggaa	atttttcaga	atcagtcatt	ggtggagcat	120
gacacgagtg	attaagtagg	gtagtgggtca	ctaaatccaa	caaaaataaa	tacctccact	180
tcatgatctt	catcattatc	atcataatca	ttgttatcat	cttaagtacc	atccacaaat	240
atcacaaagc	tctagaatac	tattgtttatt	gtactggaaa	tgtaaaactc	taaggtaatt	300
aaaacataaa	tcaaattgtaa	ataatatatt	ttcag			335

<210> 1787

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1787

gggcgatctt	ttcggattat	cttccatgct	gtggcagaat	aaaaccaaaa	cattgggtct	60
tcctggacct	tcaacctacc	agcttttgaa	ctgaaccacc	attgggtctc	ctgggtctca	120
tgctttcaaa	ttcagactgc	caatatcata	ctgaatgggc	aaaagctgga	agcattccct	180
ttgaaaacca	gcacaagaca	aggatgtcct	ctcttaccac	tcctattcaa	cgtaatattg	240
gaagttcttg	ccaggggaaat	caggcaggag	aaagaaataa	aggtattoga	acaggaagag	300
aggaagtcat	attgtctct					319

<210> 1788

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1788

cttcctttga	aatgactttc	agtttcccac	tgggatagat	tatatcaagt	ctgcttggtg	60
aatgccatgc	tggaaagcaa	aagtgtcctt	tcaaagtatg	gaatacactg	aataagataa	120
gccgcggatc	ccgcagtatg	aggttttaaa	tttattccaa	aagaagaaat	agaggggtac	180
atttacaagc	aaagtacagg	gccaggcacg	ggggctcaca	cctgtaatcc	cagcactttg	240
ggaggtcgac	gcgggaggat	cacgaggaca	gatcaagacc	atccctgctt	actcagaaaa	300
ctcccgtctc	actaaagata	cataaaccta	gcg			333

<210> 1789

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1789

attaaaataa	gaaaataatt	ctgatattat	attttactct	aatttttaaag	ccttttttca	60
tattaagtgt	ttttgttgat	tcaaaattag	aaaatatatc	tatctctaata	acttaataacc	120
cattccctaa	catggcattt	gttcattcaa	ttgaaaacat	ttagcaaaat	gcctcttcga	180
catctatggg	atcatttaaa	aaatgttttg	ggggacttaa	ttataattct	cctctaagct	240
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tatgtgacag	atgttt					316



<210> 1790  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(338)  
 <223> n = A,T,C or G

<400> 1790  
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 tcagcgtgga caggcatgcg ctatttgcca tcctcggtat gccctggcta taactaggat 120  
 gccactctc tcgactcct attggacata gcaccggttg gcctacattt tatcgatcag 180  
 gatcgagagg aggtgaggga tgttcttata ggaagagagt aagtcaaaact atctttctct 240  
 gcaagtggta tgattgtata actatgaaat cccatagctc ccgccccaaa gatccatgag 300  
 ctgatgaacc tcagcaaagt tttaggatac aaaatcan 338

<210> 1791  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 1791  
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 ttgtctttca tgttctagca tgaaagtatt ctgggttggt tgctcttatt ctagctttgt 120  
 ggggacttgt ataactaat tttttgaata ggtaatacat tcacatgggt caaaatttaa 180  
 aaaataacaa caaaaagggt atgctgagaa aagtctctct tactctcccg ttccctatct 240  
 acccagcttc taccacctcc ctaaaagtat tagtttctta tacagtatat gtgactagaa 300  
 tttctttata taaaaagaag caaatg 326

<210> 1792  
 <211> 244  
 <212> DNA  
 <213> Homo sapiens

<400> 1792  
 gcagtggggg agaggccatg taagtacctg ggggaagatcc aggcagaaca gtttgcacaa 60  
 aggccctgag atgacacctc gcttggtgtg ctggagggca gtaaggggac cagagtggct 120  
 ggagtggggg gaataagaaa gcagaaggcc gggcgtggtg gctcacgctc atgctgtaa 180  
 tcccagcact ttaagaggct gaggctggcg gatcacaagg tcaggagatt gagaccatcc 240  
 tggc 244

<210> 1793  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 1793  
 aaaaagatga cctaaaactg tccttatccc cagggtggtgt gattttcaac atagagaaca 60  
 aacctaaagca ttctacaaac tattataact gataagtgat attagcaaca tttaaaaatt 120  
 aataatttac atctccactg gcaattacca attagagatt atgatagaat atgatagaaa 180  
 aataattcca tttataatag caaggaaaac tataaagaat ctatgtataa atgtaacaaa 240  
 aatgtttaag acacatttgt tggaaaaatc acaaagtatt cataatatac ataatgaata 300  
 aaacacatta ataaagaaat aagtacaaag tccatg 336

<210> 1794

<211> 325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(325)  
 <223> n = A,T,C or G

<400> 1794  
 tgacactcta ttatagtcta ggctgtttac atactaccat cagggacgag gatgtctgac 60  
 gtaagaaatt accacgaagt atttattccc agaaggcaaa gacctcacca tgagtgggaa 120  
 ctactgtacg cagtagcgaa aaaacattaa ggacacagaa tatacatata tgtctatatt 180  
 tatatatatg cacacattta tacacacata catatatata aaacattccc tgtttttaa 240  
 tatatgtatg tacatatata cacacatata tgtatgcgtg tgtgtatact gaaactatat 300  
 ttgcataagn ttatatatta tatcc 325

<210> 1795  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1795  
 gccaaagatcg agccactgca ctccagcctg agcaacagag taagactctg tctcaaaaaa 60  
 attttccttt taaaggaaat aattatttat ttatttttga gatgagatct cactccgtcg 120  
 cccaggctgg tcttgaactc ctggcctcaa gcaatcctcc cacctcagcc tctcaaagtg 180  
 ttttggatta caggtgtgag ccactgctcc tggcaaactc gtaatttttg gtagaacaat 240  
 tgggggtactt ctgatatgaa aacaaaagctg ggccaacttc ttcacttcga tatagtcata 300  
 tttatccaat tttcgttcat gctgtggg 328

<210> 1796  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 1796  
 tactatatta taagagtaga caaaaagaga caaaaatctc tgctctcaa gagcttaaata 60  
 gctgggtggga gctaagaagc agataaaaaa aggcgaaata atgggtactt caatttagca 120  
 tataccaagt gctaggtggt ctctgagta tctactaggt attacttaata ttaatcctcc 180  
 caacaactcc atgaggaaag tattactatt gtgcataatg ggaaactgag acacagagag 240  
 attaaagttac ctgctgaaga tcatgcagct cctgaaggca gaaccaagat ccaaacctga 300  
 tgggtcttggg acaaagtcca tgggtctaatt aagagctaca cttcaggcca gg 352

<210> 1797  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 1797  
 tatgttttct tccagatggt ttatagggtg ggtcttatat ctaggtcttt gattcacttt 60  
 gagtttttat atataatggg agatcacatg ctgtttttga aaacgagtta aagtggtaaa 120  
 caatcaggag tttaaaaata tgcattctatc tttggtttta ctgacaatca tgtgatattt 180  
 tgtaaacaat accatttaata agaaagaaaa caaactttta cctctaataa ggctgatatt 240  
 ctcaatattt actttaaaaa tgtgataagc ttagagttat tagaaaaggc ctttgacatt 300  
 tttgttttta caaatcaact gctttcaata aagacttgaa taaatgaagc ctt 353

<210> 1798

<211> 362  
 <212> DNA  
 <213> Homo sapiens

<400> 1798  
 tatgttaaaa tgcctttaca cagagcccag actttccaag gggtattctt tgtgtgagtg 60  
 tgtgagtggt agtggtgcgtg tgtgctcaca aatagaggcc cagcacgctt atactacaaa 120  
 gagagagggt actcggggga atatactaac accggaaagg gttactaatt taaatgctga 180  
 ggggtacagac ctacctcacc ttgtgaagcg cactatctct cgactgggca cggttacata 240  
 cgtctgcagt tctagcactt tacgaggctc gagcctgggt gatcacgatg tcaggagttc 300  
 gagaccagcc tgtgcaatat gggcaaaccc ccgtctctac tattcatact tatattagct 360  
 gg 362

<210> 1799  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 1799  
 aagattgttg tatcgccata tctatttcta ctttgaaca gtagcttttt tttgccacgt 60  
 ttaatgactg atcacaaagt gagatattta aatatatata tacacacaca catatatgca 120  
 tataatgttg cgcttgtgtg tgtgctgcta tatgatagat acttgccaca tgtttaatga 180  
 ctgatcagaa agtgagattt taaaatatac atatatatac acatgtgtgt gctttgagag 240  
 cgggtgtgat atatatatga tagatactta gctgatcttc acaccacaac attaactctgc 300  
 ccaccatgaa cagaagcact gctatcaagt atcagccttc ttgtataata acaggaaatt 360  
 cagaacattg an 372

<210> 1800  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<400> 1800  
 gttggttttg tttttacgat agtttatcac aatctgtcag tgttttaaat gcatgtatct 60  
 tttgatcccg cagtttctat aacattctct cttacggata taccatact tgtggtcaca 120  
 tataccatat ttcatccaat ctaaaacact ctaaatagta caaagtgcta ttattttatg 180  
 taccattaag aaaacaaaac ctaccgcttt aactatgaca cagtcctttc atatcactta 240  
 gaattgcgtc ttatactcat taagaccgct cctagctg 278

<210> 1801  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 1801  
 agacaagggt tcaccatgtt ggccaggctg gtctccaact tctgggtcaa gtgatccacc 60  
 cacctcaacc tcccaaagtg ctgggtttac aggtgtgagc caccatgccc agccctacaa 120

ccaactgggtt	tttgacaaaag	gcaacagtaa	tacacagtgg	ggcaaggaca	ttctcttcag	180
taaatcgtgt	tgggaaaact	ggataaactg	cagaacaaaa	ttagaccctt	atctctcacc	240
atatacaaaa	atcatcttgg	gttataaaaa	aaacaggacc	tgaaactatg	aaactactag	300
gagaaacaag	aaaagctatg	tgacattgat	ctgcaccatg	attttgtatc	tatgacn	357

<210> 1802

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1802

cccccttcac	ggctttgcac	aagtggcctt	ttataaaatt	accacttgct	gtttgccatt	60
ctgcctctga	gggactgaat	ttccaacccc	ccatgggatg	gtataaggag	atggggactt	120
tggggggtaa	ctaggtttat	aagaggccat	aaggggcttg	gcctagaggc	tcacacctgt	180
aatcccagca	ctttgggagg	ccaacacagg	aggatcactt	gggcccagta	gctcaagacc	240
agcctgggta	acacagggag	atcctgtctc	aaatcaaaat	aattaaattg	ttaaaaagat	300
aagaatatga	tagaacaggg	catgaagggtg	gggccccctg	gatggcctta	g	351

<210> 1803

<211> 410

<212> DNA

<213> Homo sapiens

<400> 1803

ggcacgaggt	cggcggaaag	tttggtgctg	cgggttcccc	cgaagtccag	agtgaagaca	60
tttccacctg	gacacctgac	catgtgcctg	ccctgagcag	cgaggcccac	caggcatctc	120
tgttgtgggc	agcagggcca	ggtcctggtc	tgtggaccct	cggcagttgg	caggctccct	180
ctgcagtggg	gtctgggcct	cgccccacc	atgtcgagcc	tcggcggtgg	ctcccaggat	240
gccggcggca	gtagcagcag	cagcaccaat	ggcagcggtg	gcagtggcag	cagtggccca	300
aaggcaggag	cagcagacaa	gagtgcagtg	gtggctgccg	ccgcaccagc	ctcagtggca	360
gatgacacac	caccccccca	gcgtcggaac	aagagcggtg	tcacagtgta		410

<210> 1804

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1804

cggttgctgtc	ggcgatcctt	cccggcaact	ttttcgagaa	aaatgcccaa	attcaaggcg	60
gcccgtgggg	tgggggggtca	ggaaaaacat	gcgcccctgg	ccgatcagat	cctgggtggg	120
aatgcggtgc	gggcgggggt	ccggggagaag	cggcggggtc	gcgggacagg	agaagcggag	180
gaagagtatg	tggggccccg	gctgagccga	cggattttgc	agcaagcacg	gcagcaacag	240
gaggaactcg	aggccgagca	tgggactggg	gacaagcccc	cggcgcccg	ggaacgcacc	300
acgcggctgg	gtccaagaat	gcctcaggat	ggatcanatg	acgaggacga	ggagtggccc	360
accctggaga	aggctgccac	aatgacagca	gcggggccatc	atgcag		406

<210> 1805

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1805

gagcacacct	gcacacactg	gaacacacct	atgcacacct	gcacacacct	gcaacgctca	60
tcgtccctat	gtgacctgga	gcaagttatc	taacctcttg	gtgcctgagc	ttccttatct	120
gtaaggatgat	agtgatgatg	cccccccca	gagagctgtc	atgagaatga	aatgaggatga	180
cgcccttaca	ggtgtgtaag	ggcgatacct	ggcacactgt	ggggccatct	gagggttgct	240
catcatcccc	catcccggga	gcttgccacc	gtgccagggt	gtgcagccca	cagacagctg	300
cagctgccat	ggtcacagga	gatcacaag				329

<210> 1806

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1806

aaatacaaca	gagaagctca	acagagccaa	aaattgtttc	tttgaaaata	ctagtaaaac	60
tgactaacct	ctgatgtgac	tgaccagtaa	caaattagt	atgcaaaaat	aacccatgag	120
gaatgaaaag	aggaacctaa	ttacagatgc	cacagagatt	aaaaagatag	aagaatacaa	180
tgaactttat	gccaataaat	cttaaaagtt	agatgaaatg	aactcctgaa	aagaaaactt	240
aaactgtccc	aagtagaaac	agaaaacttt	gaatattcct	aaaactactt	cagaaaatga	300
atcagtagtt	aaaaatctac	c				321

<210> 1807

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1807

ggcagagaa	gaactcttgc	tcacatcatc	taagagattg	caoctgctga	cctagagatt	60
ccggcctgtg	ctcctgtgct	gctgagcagg	gcaaccagta	gcaccatgtc	tgtgactggc	120
gggaagatgg	caccgtccct	caccagagg	atcctcagcc	acctgggcct	ggccagcaag	180
actgcagcgt	gggggacct	gggcacctc	aggaccttct	tgaacttcag	cgtggacaag	240
gatgcgcaga	ggctactgag	ggccattact	ggccaaggcg	tggaccgcag	tgccattgtg	300
gacgtgctga	ccaaccggag	cagagagcat	aggcagctca	tctcacgaaa	cttcaggag	360
cgcacccaac	aggacctgat	gaagtctcta	caggcagcg			399

<210> 1808

<211> 129

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 1808

gcttccggtg	ggcttggtac	tgatcgcncc	aggctctaca	gagtgacggg	ttaattcctg	60
ggtcctggag	ctacttctgt	ggttccatgt	ctggatctgt	atgttccagt	aagcgtactc	120
ggtaattctg						129

<210> 1809

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1809

cacctcaatt	aaaaagcaga	tactgctagt	ttggatgaaa	aagcaagata	caactatata	60
ctgcctataa	gaaatagact	ttaaatataa	aaacacaaat	aggtacaata	agaatatgga	120

agaagatatt	ccatgttaac	aataaaagaa	agctgaggtg	gctatattac	tcaaagtaga	180
ctgcagtgc	aagaatatta	taaagaataa	aggtcattat	aatgataaaa	ggtcgatttt	240
atcattatgt	tctctgacta	caatgtaatt	aaattagaaa	tcaataacat	gagattatct	300
gaaaaatact	tgggggaaaa	atacacacgt	ctaagtaacc	catgggtcaa	ataagcaatc	360
aaaaggaaga	ttaggaaata	ttctgaa				387

<210> 1810

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1810

cctctgaaac	ttgggttgcc	catccaaaga	gggggtgaca	atcctgtctt	gccaaagactg	60
ctgtgaggat	tcagcttata	agtcataaaa	tgtagtcggc	tggctgggca	cagtggctta	120
cacctataat	cccagcactt	tgggaggcca	aggcaggagg	atcactagag	cccaagagtg	180
tgacaacatc	gtgtgccatg	gagagagacc	ccatctattc	aaaatacaaa	actatatgtg	240
cgcggggggg	cgtacctctg	gattcccatc	ctcgcgaggc	gctgacgcga	gctaattgtga	300
tcagcccggg	cggctaagcg	ttcaccgacg	cgagtatgcg	ccactgctta	tcctctgtg	360
caacagaaaa	cgactttttt	gaaagata				388

<210> 1811

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1811

aaaaatccaa	gttcatttgg	gatcttggtt	acttatcctc	tagataaaaa	gtttgcaaac	60
tatagccaaa	gggcccaatc	ccacctgcca	cctgatttta	taaataaagt	tttactggag	120
cataactgca	cctatttggg	ttgttttggg	ttttgagtcg	gagtcctcgt	gtgttgccca	180
ggctggagtg	cagtggcacg	atctcagctc	actgcaagct	ccgcctcttg	ggttcacacc	240
attctcctgc	ctcagcctcc	cgagttaggtg	ggactacagg	cgcccgccac	cacgcccggc	300
taattttttg	tatttttagt	aaaaatgggg	tttcaccgtg	ttagc		345

<210> 1812

<211> 283

<212> DNA

<213> Homo sapiens

<400> 1812

tttacctcat	tggttatatg	tactcctagg	tatgggtggg	tttttcttgt	gcatgacgca	60
agtattaaat	taaacctctc	atgttatact	ttatcttatt	ccttacaata	gctcagacag	120
tagatcatct	ctgtttccac	tcaaatagcac	cagaagcctg	agtgtgtatt	ttatttattt	180
atttaaaaac	tgaatatcac	tctgttacct	atgctggagt	gtggaggggc	catcataaat	240
tattgcaacc	tttaacactt	agtcttaaa	gattctccca	cct		283

<210> 1813

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1813

caaatatcct	cagtaaagta	ctggcaaaca	aaattcaaca	gcacattaaa	agatttatat	60
gccgtgatca	agagaaattt	atccctgggt	tacaacagtg	gttcagcata	tataaatcag	120
ttaatgtgat	atatcacatt	cacagattaa	aagcaaaaaa	cacatatata	cctcaataga	180
tacagaaaaa	tattttttta	actcaacatc	cattaatgat	aaataatatt	taacaaaaata	240
ggtataaaaa	acttacctca	atactaact	aataattaat	agacaaagaa	gcctgaaaac	300
tttttctcaa	ggacccagta	gaaaacaagg	a			331

<210> 1814  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(335)  
 <223> n = A,T,C or G

<400> 1814  
 tttccgtttg ttgagacttg ttctatagca caaaatatag tctaatttgg aaaatgttct 60  
 gtgtgcattt gaaaaggata cacatttgaa aaagacatgc tattgttgaa tagagtgtcc 120  
 tatcattatc tgttaggtta agttgttgac aatgttattt cagggttctt tgtagatttg 180  
 cttatttctc tttctagntc catttgttt tgccatacat atttaaaatt ctgttattag 240  
 tgattaattt tttaggactt ttatgtcctt ttgatgaaat gactcactgc ttattagtaa 300  
 atgaccttcg tgaactcttg gtttcattct tggggg 335

<210> 1815  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 1815  
 catttacata tacttgaaaa tcattgctat taattttctaa tttattttct ctttttgtca 60  
 gataatacac ttcgtaggat ttgaaacctt ttccgtttgt tgagacttgt tctatagcac 120  
 aaaatatagt ctaatttggg aaatgttctg tgtgcatttg aaaaggatac acatttgaaa 180  
 aagacatgct attgttgaat agagtgtcct atcattatct gttagggttaa agcgctgaca 240  
 atgttatttc agggttcttt gtagattagc ttattttctc ttctagctcc atttgctttt 300  
 gcctaacata tgtaaaaattc tgatattaga g 331

<210> 1816  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(322)  
 <223> n = A,T,C or G

<400> 1816  
 tctatccagg tatccatcca tccatctctc cctccctcct tccctccctc catctctccc 60  
 ttcatccatc catagctcta tcctatcacc catccatcta tccctttatc caatcatcca 120  
 gccatccatc cctctatcca atcatctatc catccatcct tctatccaat catccatcca 180  
 tctatcccct attcaccctc cctccatgca atcaaccatc tatccattcc catttatcta 240  
 acaaatcatg catncaccca cacaccaaac attcaccatc tcattcaaca atccattcac 300  
 ccattcacca ttacttaaca ga 322

<210> 1817  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 1817  
 gtacacacac atgcatatac atatgtatgt gtgcgcatat gcatacacgt ccatacacgt 60

gtacatatat	gtgcatgtgt	gcgtgcatac	acacatgtac	atacatatgg	atacatacac	120
atgtatacat	atacatgcat	gcaggcacat	gtatacatgc	atacatacac	atgtatttaa	180
gccagagatt	gcacactggg	gccctaagag	ctggatattg	gccagatgt	gttttctttg	240
gtctacatta	aatttttttt	ttcctttttg	agacagaatc	ttgtcctgtc	accaggc	298

<210> 1818

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1818						
gggcagggtct	tttcctttctt	cctccacttc	ccctaccctc	caccgtccgg	gagccgccgc	60
caccgccgcc	gaggagtcag	gaagttcaag	atggccgccg	cggagacca	gtcgctacgg	120
gagcagccag	agatggaaga	tgctaattct	gaaaagagta	taaatgaaga	aaatggagaa	180
gtatcagaag	accagtctca	aaataagcac	agtcgtcaca	aaaaaaagaa	gcataaacac	240
agaagtaaac	ataagaaaca	taaacattcc	tcagaagaag	acaaggataa	aaaacataaa	300
cataagcata	aacataagaa	acacaaaaga	aaagagggtta	ttgat		345

<210> 1819

<211> 350

<212> DNA

<213> Homo sapiens

<400> 1819						
tgattttctca	ccctcccaaa	cacttacctt	atTTTTttct	ctatatctgc	atgggtttgt	60
ttccttaata	tattccagga	aatttatatt	tgggttggcc	tactggagaa	gttatgatga	120
atagaaaagt	gtgaagaaga	accttctatt	ctcctcacag	tatacggcaa	agagcgtgca	180
attgccccca	caatatcatt	gtggaaaggt	catattactg	agactagcta	gtaacacatt	240
agcttacaga	attctcattc	ttacgctata	atattacctt	cctcatcaaa	cttacctgac	300
cgcattgcttg	atgttggctg	attaagacat	aacacgctgg	tatttaccaa		350

<210> 1820

<211> 269

<212> DNA

<213> Homo sapiens

<400> 1820						
cagcctccta	cagactttta	agtgccatga	gtctcaggca	attaaaacta	gaagtacttc	60
tacgtatgat	ctattaggtc	ctaaaagact	acttctatat	tcatttggtc	caaagttcag	120
agtgacacat	actatccaag	agacagctaa	tgggttttgt	tctggcacat	gacttgttca	180
tatctacaca	agttcacaaa	ttgaaaattc	ttaagagttt	ctggccaggc	acagcggctc	240
atgtctataa	ttccaacacc	ttgtgagga				269

<210> 1821

<211> 390

<212> DNA

<213> Homo sapiens

<400> 1821						
cgttgctgtc	gctgctttgt	agagaataga	atataggaaa	gcaagaatgg	aaacagagct	60
attaggaggc	tattggagaa	taatgcagat	gagagattat	tacactgtct	gaactaagga	120
ggtggcggtg	aagggtgtaga	gaagatggat	ttttttttta	acggtcccac	tgtctagagt	180
gcagtggcgt	gatcacagct	cactgcaacc	tagacctcct	gggctcaggc	gatcctcca	240
cctcagcatc	ctgagtagct	gggactatag	gcgcatgcca	ccatgcctgg	ctaatttttc	300
gtattttttt	gtagagattg	ggtctctcca	cattgccccg	gctgctctcc	aacctctgag	360
ttcaagtgat	tcacctccct	tgacctccca				390



<210> 1822  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1822							
cacacctgta	gtcccagcta	ctcaggaggc	tgggggtggga	ggaacacttg	agcctgcatt		60
tcgaagcttt	gcattgatgc	tgcaccccag	cctgggtgac	agagcaagac	ccggtctcaa		120
aaagaaaaat	aaaacactaa	tcccttcctc	agaagaggag	gtaaaatcct	tgagtgatgt		180
ttactcttct	tcatatccca	taactcagat	attatgatgc	aaaattaata	atacttaata		240
ctatgacata	aagttaatac	atcttatgtt	acattatgag	ggaataaaaag	agaaaagaaa		300
atgaagatat	ttgcttgata	tacacacaca	taaacatata	aataacaaaa	tgaggaaata		360
ctcatggcaa	tcatagtcct	aggggtcca					388

<210> 1823  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 1823							
cagaagaagg	attgattatg	atacttactc	agaattttcc	aaaactgata	aagtacatta		60
gccaacagat	tcaagaagct	ctctgactct	aagctgaata	aaaataaaaac	cacttttagca		120
aaaaatctaa	ctctaagctg	aacaaaaata	aaaccactcc	tagcaaaaaac	aaacaacaaa		180
aacttcaaag	aagcaacagt	ataactgatt	actgctcagc	aaaaaatgat	gcaaaccaaa		240
agacaataag	aagaaatctt	taaaatactg	taagaaaatt	actgttcacc	tagaatttta		300
taccaatta	atatatcctt	caaaactgaa	tgcaaaatag	agatgtattc	agacaaaaac		360
cag							363

<210> 1824  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1824							
tttctaaaag	tactaaaaca	gccttaaaaa	taacaaggaa	aaccaaat	aaaatttta		60
tacttattgt	aaagctagaa	taattgattc	tgcatgggtt	ggaaaaacaa	gatataattca		120
gcaatgaaac	aggatagaaa	atcaagtaat	agacacgcac	atatgtgggc	aatcgatggt		180
caacaaaact	gccacggcaa	ttcagtagaa	gaaaagcaat	ctcttcaaga	tacgttgctg		240
gaacaattgg	agagccatct	acaaatgaac	ttcaatcttt	atctacctca	acaagaaaca		300
cagaatagat	gagaaaacaa	atgtggggagc	taaaaatgta	aatattctag	aagta		355

<210> 1825  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 1825							
cgttgctgtc	ggcgtctacc	acggcctgcc	cgccagccac	atggagctgg	cccaggagct		60
catggagact	tgttaccaga	tgaaccggca	gatggagacg	gggctgagtc	ccgagatcgt		120
gcacttcaac	ctttaccccc	agccggggcg	tcgggacgtg	gagggtcaagc	cagcagacag		180
gcacaacctg	ctgcgggccag	agaccgtgga	gagcctgttc	tacctgtacc	gcgtcacagg		240
ggaccgcaaa	taccaggact	ggggctggga	gattctgcag	agcttcagcc	gattcacacg		300
gggtcccctcg	ggtggctatt	cttccatcaa	caatgtccag	gacctcaga	agcccagacc		360
tagggacaag	atggagagct	tcttctctg					388

<210> 1826  
 <211> 354

<212> DNA  
<213> Homo sapiens

<400> 1826  
ctccctgcaa actcaacctc ccaggctcag gtgattctcc cacatctagc ttaatgtatt 60  
aatgatgtaa tagacaatta ctggccaggc gcggtggcca gagcgagact ccatctcaaa 120  
aaagaaaaga aaagaaaaga aaattactgg cggcaagcag gaacattgta gattttgaaa 180  
ctgtcttggt ttacaagata ctgaagcaag gtggtgcaat tattacgtcc ttctaaagct 240  
gatcggataa aggctttaat tttgtaattt tcagagaata ttaccaatgt agcaagattt 300  
accaataacc aatggttgct tgaagacaaa agaggttggt ggaacttgct taat 354

<210> 1827  
<211> 342  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(342)  
<223> n = A,T,C or G

<400> 1827  
aatgggggcc tcgaagatag taatttctta tgccttaagc tagggggtat gcatatggga 60  
gttcgtttta ttgccattct gtatgactca cacatgtcag aaatattctt tggcttgta 120  
ttttaaaata caagtgggcc aggtgtggtg gctcacacct gtaatcccag cactttggga 180  
ggccgagtca agcggatcat ctgaggctcag gagttcaaga ccagcctggc caacatgggtg 240  
aaaccccgct tctactaaaa atagaaaaat tagctgggtg tgggtggcaca cacctgtaac 300  
cccttgnag actgagggag gagaatccct tgaacccagg ag 342

<210> 1828  
<211> 373  
<212> DNA  
<213> Homo sapiens

<400> 1828  
actacggttg cgagatgacg acagacaggg atactgtggc actgacctca accctggggg 60  
acagagtaag actctgtctc tgtcaatatt gtgatgctat tgcttttttt gtaactttta 120  
taccgctgag aacacagaga gactgcgacg tatagaccct actaagggct ttttgtctgg 180  
ggagcgtgtg ggggagtaga agtaaaactt taaaaattca agatagaatc gtgatgagca 240  
agcctcatgc acatgcatga ggatggctac taccaaaaag gcagaagata acaagtgttg 300  
gtgaggaagc agagaaaactg gaactctcat gcagtggggt tgagaaggta atatagtgca 360  
gccgcggctg ggt 373

<210> 1829  
<211> 350  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(350)  
<223> n = A,T,C or G

<400> 1829  
tattactgct ttcttttggt ttaaatagga tttttctaata gtactatattt aattcctgtg 60  
tagtttcttt tgctatctat tttttagga ctattaatac taaatttata ataacctagt 120  
ttaatgtcta cttaactctca atattttgta aaaactttgc tcttatacag tcccatttcc 180

tcttctttta	tttatctatt	ggtgctgtgc	aaattgtatc	tttatacaca	gtatgcccac	240
cagcacggat	ttataattat	tgcttttttt	ataccattgt	cttttanatc	aaacaggaaa	300
aatattagaa	acaaaaaatt	catctatact	ggcttttata	tctacttatg		350

<210> 1830  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 1830						
tacgggtcca	aaaaaacaac	aaaggggtacc	gcttgcaaaa	tactacaaaa	gggttccgct	60
gccaaaatac	tacagaagg	taccgctg	agaatactac	agaaggggtc	ggctggggga	120
atactacata	agggttccgt	tgcgagaaaa	tctataaaaag	gggtccggctg	ggagaaaact	180
acagaagggt	acccgctgcc	gaaaagacct	cataaagggt	tctcgctgtt	agataaattg	240

<210> 1831  
 <211> 131  
 <212> DNA  
 <213> Homo sapiens

<400> 1831						
tacgggtg	ataagacgac	tgaagggtac	ggttgctata	tgacgacata	tggggagcca	60
gtttctatgt	ctttggaagt	gtcgtgtagg	tggtcatctc	tgcttatctc	cgctttctct	120
taacgtccgg	c					131

<210> 1832  
 <211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1832						
taccgctgtg	agaacactac	tgaagggtcc	ggctgcgata	cgactacaga	agggcaccct	60
gatcactact	gctggcatcc	acgcctgcc	tccacaggct	tggggacatg	tccaccttgc	120
ccaccttgcc	cactgccacc	accactgggtg	cccaacgact	atctggtcta	gagttttcat	180
gcctagcaaa	gcctcaaaca	gtcttcagta	acaaacacag	gctaagccaa	tgagaaactc	240
atagatacca	ctgacactag	ttatagctac	ctaaatactt	cagagggtac	actactgccc	300
taccctgtat	caccacccaaa	gcctcctacc				330

<210> 1833  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 1833						
gattgcataa	gctaaggagt	ttgagaccag	cctgggcaat	atggcaaaac	cccatctcta	60
caaaacatac	aaaaattagc	caggtatggc	agctcgcacc	tgtagtccca	gctacttggg	120
gggcagaggc	gagaggatca	cctgagactg	ggagggttgag	gcagcagtga	gttgagatca	180
tgctactgta	ctccagcctg	ggcaacaaaag	tgagaccccc	tttctttttt	ttttttgaaa	240
acaaagcttg	gttttgacac	caagctgggc	gtccaggggc	ccaatttggtg	ttaatggaag	300
gcttggcttc	caaggttcac	accatttttt	gggtaaagcc	tccaaaagaa	cttgggaacat	360
aaaagccccc	cct					373

<210> 1834  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1834  
ggcacgaggt aatcccagct actcgggagg ctgaggcagg agaattgctt gaacctggga 60  
ggtagaggtt gcagtagccg agattgcgcc attgcactct agcttgggaa acaagagtga 120  
cactccatct caaaaaaaaaa aaaaaaaaaaag ggggtccttt ggaattttta aaaaaaaaaa 180  
aaaagggggg gggggaaggg aaaaagggat caaaaagggc caaaaaaaaaa gggggaggga 240  
ttttgggggc caaatttgaa aaaggggggt ttccctttt gaaaagggcc atttttttta 300  
acgggtgaaa gtttccaaaa aggccggggg ggaaaaaaa ggggggttaa ttttttccc 360  
aaattgggaa aagaccctt tgtttttttt cca 393

<210> 1835

<211> 376

<212> DNA

<213> Homo sapiens

<400> 1835  
cacctcaatt aaaaagcaga tactgctagt ttggatgaaa aagcaagata caactatata 60  
ctgcctataa gaaatagact ttaaataata aaacacaaat aggtacaata agaatatgga 120  
agaagatatt ccagtgttaac aataaaagaa agctgagggt gctatattac tcaaagtaga 180  
ctgcagtgc aagaatatta taaagaataa aggtcattat aatgataaaa gggtcgatttt 240  
atcattatgt tctctgacta caatgtaatt aaattagaaa tcaataacat gagattatct 300  
gaaaaatact tggggaaaaa atacacacgt ctaagtaacc catgggtcaa ataagcaatc 360  
aaaaggaaga ttagga 376

<210> 1836

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1836  
gcatgtcta aaaccaaata gggaaaatat aaaaccaggc tgggcaaggt ggctcatgcc 60  
tgtacaatgc ttggcacaat gcttgccaca tggaggccaa ggtgggaggc tcaattgaga 120  
ccatcctgga caacgaagt agaccctgtg tcaaaagaaa aaaacagagg gagagagaga 180  
gcgcgaaaac tacaacagag aggtgacaat cttccggggg ggcttatttt gaaaaatttt 240  
tccgcctgtt tctcacttaa aaaaaaagg gccacacttc taagaaaaag gggg 294

<210> 1837

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1837  
ctggccaaca tggagaaaac cccatctcta ctaaaaatc aaaaattagc tgggcgtgca 60  
cctgtaatcc cagctactcg ggaggctgag gcaggagaat cgcttaaac caggaggcgg 120  
agggttgcat gagccgagat catgccactg cactccagcc tgggtgacag agtgagaccc 180  
cgtctcaaaa caaaccaaca aaaaacagag ccagggtgtg tgggtgtgcac ctggaacata 240  
acttctcaca acgctgccgt ggggaagactg cttgaacctc caggagcgcg aggaacactc 300  
tggtcatacc aaccgaggtc tcaaatttca aaggcatttc tttc 345

<210> 1838

<211> 262

<212> DNA

<213> Homo sapiens

<400> 1838  
tgggcatggt ggcaaacgcc tgtaatccca gctactgggg aggctgaggc aggagaattg 60  
cttcaaccgc ggaggcagag gttgcagtga gctgagatcg cgccattaca ctccagcctg 120  
ggcaacaaga gtgaaactcc ctctcaaaaca aacaaaaaca aaatatctat ggtgcatgta 180

ccaagccagt aacattgtgc ccaacaccaa ctctatgcag catccttcca tgaaccact	240
gtattgaaac tgtcatcttg gg	262

<210> 1839

<211> 298

<212> DNA

<213> Homo sapiens

<400> 1839

aactgttgta tttttaatag acaatttcac gacgttggcg aggctggctc tgaaccctg	60
acctcaggtg atccaccgcg ctccagcctct caaagcgctg ggacaggcgt gagacaccgt	120
gctgggacag tagtaacttc taatggataa tgtatgcgtg ggggtggaaag gggagtacca	180
gtatttttat ttcaaacaca tatacaaaac accagcttgc aattcacctt gaagaaccct	240
cagcacagag cagtttcata agtccatgcc atcgtgccat atgccttctt cactggcc	298

<210> 1840

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1840

ataacctcta tgcatacttc tttttagctg aagtatgcc aaggctgtct taacatatta	60
tgcataattg tgataccatt aagtagagag ggtttttaaa taataatctg actcaaaaga	120
aaaagacaaa attgaatata atgaactcca aggagataca ggaattgtac agattgctta	180
gagtataaga aacttgctta agtatgtgaa acttgattgt gattagaaaa aaaaatttat	240
ttaatcctgt tgttcctagt tattcaacat ttggacgcca taaaagaaaa aatgggctgg	300
gcacagtggc tcacacctgt aatc	324

<210> 1841

<211> 129

<212> DNA

<213> Homo sapiens

<400> 1841

taccgtgcg ataagacgac acatggctgc ggttgcgagt actcaacaga ctgggacggg	60
tgggagacct cgacacaggg gtgcggctgt gagaagaccc aagatagtgc cgctgcacat	120
aagactacg	129

<210> 1842

<211> 249

<212> DNA

<213> Homo sapiens

<400> 1842

tggtatccac aggaggtcct gtaagcaatt tcctgtggat acttagggat gactgtacat	60
ggttataaaa ggaaattgat cagagttaaa gagagattta gtgagctgaa gaaagtcagt	120
agaaaatata tagactgaag catgcaaaca aaatatatgg aaagtacaga aaatagcatt	180
agagatgtac agaaccttat gcaaaggggtg aatatgaagg aacctggaga tccccaaggg	240
agagagaat	249

<210> 1843

<211> 344

<212> DNA

<213> Homo sapiens

<400> 1843

caaaccacca ccactaagta aaccaaaaaca tgcattgatca actggaaaaa aaatgcaact	60
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catagcaaag	actatacata	aagagctttc	agaataaaga	agaaaaagac	caacaacata	120
gtgggaaaat	gtctgaaatt	caaaacacac	tccacataaa	aataaacaca	aaatgacatt	180
taaatacatg	aaaatatgat	caaccttact	tataataaca	gaaatataaa	ttaaagctat	240
aacaaaatac	catttctcac	ctaccagcaa	aaatccaaaa	ggttgacaac	agattccatg	300
ggtgatgttc	tagggaaaca	ggcactttca	catactgctt	gcat		344

<210> 1844

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1844

tcaccatggt	ggccgggctc	gtcttgaact	cctgacctca	agtgatctgc	ctgcctcagc	60
ctcccaaagt	gctggaatta	cagggatgag	ccaccacctt	cagcctgact	ttggcccctt	120
ttaatagtaa	aacaataggt	tttctggaaa	ctctgaaaca	gacttctggg	tatatatcat	180
tggctataat	catgtcaact	atgaccaccc	ccaactttat	gtttgattta	cggcacattg	240
gccaaaataa	ctgaacataa	tcgcgttaca	tttaaaaaga	accacgggtg	gcactggcgg	300
gtcttagttg	taatcccaac	cctttgggag	gacaaaaccc	atgggtcact	tggggccagt	360

<210> 1845

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1845

ttgcaggcag	actgtagccc	catttttagt	cctgtttggt	tgacttaagg	ttcagtgagt	60
cttgtgtaac	agttgtcctt	cttgtcagct	gtctttcaac	tgtgccgttg	actgttgtct	120
ggttgtggga	ttagtgccat	catgaagact	ggctaattgt	tttgcatgta	gtgcctcatt	180
cctgctacag	gaggaggtca	gaaaggtaaa	accaggccag	gtgtgggtgg	tcacgcctat	240
aacccaaca	ctttgggagg	ctgaggcagg	agaatcactt	gagggtcggg	ttgagatcac	300
cctgggcaac	atagtgagac	cttgtcttcc	ctcccaccaa	aaataggtga	gagtgcgct	359

<210> 1846

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 1846

ctacggctgc	cagaagacga	ctgaaggcca	gctaacatca	tacttagtgg	tgagaaactg	60
cctttcttct	aagacagaga	ataaggcaaa	gataaccctt	ctcaccactc	ctattcagca	120
ctgtactgga	agctctagtt	gccgccctaa	gacacgataa	ggaaccaaaa	gatgtacaga	180
ttgcgaagga	agaaataaaa	ctgtctttgt	ttgcagatga	catgactgtc	taaagaaccc	240
tgaacaatg	aagtgactat	agcaaagtta	caggatacaa	ggttattata	cacagccaat	300
tggattccaa	aatgccagcc	accaccagcc	agaatttata	atcaaaaaga	tactatn	357

<210> 1847

<211> 162

<212> DNA

<213> Homo sapiens

<400> 1847

taccgctccc	agaagtcgac	cgaagggtgt	ggatgtttgt	agggatgtat	atttggtatt	60
------------	------------	------------	------------	------------	------------	----

gtggcaaggt	acacataaca	ttaaatatgc	tatctgaaac	tgtgtaagcg	tatagttcag	120
tagcatcaag	tacattcggt	ctggtgtgca	atcataacca	cc		162

<210> 1848

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1848

gcccaggtgg	agtacaatca	ggcgataagt	ctcctgaatg	agggggcaaaa	ggagagactt	60
cgggagcagg	aggagaggct	tcaggagcag	caggagaggc	ttcgggagca	ggaggagagg	120
cttcagcagg	tggccgagcc	acagaacagc	ttctaggagc	tgggtgcgttg	ccccagctgg	180
ggagcctgcc	ctcctcccta	gcccctccagg	cctttgtttc	cccacctata	aaatgtggca	240
gagtagccct	caagtgaat	gttactccta	aaggcacctg	tgagccagag	acctgctctg	300
gtggctgtgg	gagacagggg	aagacttttc	taacctg			337

<210> 1849

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1849

ggttcttaga	atgtatcccc	catggataaa	gggggactac	tgcacttggt	cttttgagct	60
cattcacaga	catgcacaga	gtggcaaaaa	atttaaataca	ccctacatgt	actttctggg	120
tgaggtcaaa	gtttcactct	gtcttctcat	ttcagctctt	atgctataaa	caagtatcct	180
tttccacagt	ctatttagag	tcattttttt	ttttgcattt	ttgcgttttt	tgtggggaat	240
tttgctgttt	aaaaaggccc	ctaaccataa	tgttcagttg	ttacctaggg	tccttaaagg	300
caagaaagct	atgaagggcc	ttactgagaa	aatacctatg	gaaaaagagg	ttct	354

<210> 1850

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1850

gctgggatta	caggcatgag	ccaccgcacc	cggctgcttc	caaattaatt	tttgattatg	60
atcaaaagat	tccaaagaat	cgcttaagca	taggagttca	agaggctgca	gtggggccaag	120
atcacaccac	tgcactccag	cctgggggaca	gagcaatacc	ctgtctctaa	aaaacaagaa	180
gatttctaca	gagcatgaag	tcaagcaagc	ataacaaatt	ggagaagctc	aataacagca	240
aagtggggcc	agccatccat	atacattcat	ttgctatgag	gatgtctcag	ccatagggac	300
cagacacacg	agtcttccaa	cagg				324

<210> 1851

<211> 364

<212> DNA

<213> Homo sapiens

<400> 1851

gggggccttc	actccctgga	gttccaaccg	cagccatcct	tgtccccaca	acttctgcag	60
tgtcccaggg	cttgctcac	tctaactcag	cccactcaca	cttatcacgt	gacttcatcc	120
taaacaacaa	taaccttgaa	atctggaatc	tgtcttggtc	atgttcttac	aaactcatgc	180
tgaaataaat	gacagcagcc	caggctggct	gcagaggctc	acacctgtaa	tcccagcact	240
ttgagaggcc	aaggcaggag	gagttcaaga	acaccctatg	cgagatccca	tctctacaaa	300
aataaaaaat	tagctggggc	cgggcgcagt	ggctcaggcc	tgcaatccca	agcactttgg	360
gagg						364

<210> 1852

<211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1852  
 tattccatt ttacagataa gaatcctgag gcttagagag ttcaagtgac ctaccaagg 60  
 gcacatcact gataaagggc agaggtggga ttcaaaccce catctgtcag gtgcaagtgc 120  
 aaggctcctt ctccatcatgc tcaactgcctg ctggggaata gggcactggg gacatacccc 180  
 agggagccct tctcatgtt ctgagtcoca gttcatccca tgctgtctatt ttgctctccc 240  
 aggagcatct ggactcccta gacagagccc cagcttctca cctgtccctc tctaaatgct 300  
 gctctgcagg cctgtgatcc tgga 324

<210> 1853  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1853  
 ctaccctgcc ctgtctctaa acttttatta ttatccctac agaattgcat tcaaccttcg 60  
 ctcaaggccg ggtgtggtgg atcacacctg tgatttcaac actctgtgag cctgaggcgg 120  
 aaggattgcc tgatgtcctg attctcactg tctgtctggac aatatagcaa tactccctgt 180  
 gtcccagaag cccttcctca tgatctgagt ccccgttcat cccatgcttt tatcttgctc 240  
 tgccgggagc atctcgactg cctaaacaga gcccccaact tctcacctgt ccctctctaa 300  
 atgtgtctct gcaagcctga gatcctgg 328

<210> 1854  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 1854  
 gcttggtccc ctgcatectc cacctcccgg gttcaagcag atctctgcct cagcctcccg 60  
 aatagctggg attacaggcg cctgccaccg tgccctggcta attttttgta tttttttag 120  
 agacaggctt tcaccctctt ggccaggctg gttttgaact cctgacctca taatacacc 180  
 accttggtcc tccatagagc tgggaagaca ggcgtgcacc actgcactct gccaaaaaat 240  
 attcacttat cagcgcctaa tgccatgcgg ctgttaatcc agctattctt gaggatttag 300  
 taccgggatt gcattgagcc caccgggttt agagctgatt aaccttgaca taatatcatg 360  
 gctctctaag gggggg 375

<210> 1855  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(346)  
 <223> n = A,T,C or G

<400> 1855  
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 ccatagctta cctatgggct cctaagctca agagatgctc ctgccttagc cacctaccca 180  
 ccaagtggct gggactacag gcatgcgcca ccactcctgg ataatttttag catttttttg 240  
 tggaaaagga gctgcatggt caggagcata ggctaaggcc tggcaccoca acgctttgga 300  
 aggccaaggc agatagatca cctgaggtca ttagatgaag accaan 346



<210> 1856  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 1856							
tgacagaagg	gtaactgatt	actgctcagc	aaaaaatgat	gcagaccaa	agacaataag		60
aagaaatctt	taaaatactg	taagaaaatt	actgttcacc	tagaatttta	tacccagtta		120
atatactctt	caaaactgaa	tgcaaaatag	agatgtattc	agacaaaaac	caagaaaact		180
ttgcactagc	agaccaaaca	tgacacagaat	gagaaactaa	aggaaattct	tcaagtagaa		240
tgaaaataat	gccaggtaaa	acatgaaaat	acaaaaggaa	atgaacagtg	acaaggataa		300
atgaatactg	agttttacaa	cagtgaatgt	aatgtcctgt	ggg			343

<210> 1857  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 1857							
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acttatcaat	aataaccttg	gctgtaaaca	gactaaattc	ccaactgaaa	agatatagac		120
tagctgaatg	aattaaaaaa	aaaaaaaaac	ctaggtatat	gctgcctaaa	aaaaactctt		180
ttccctctaa	aagacccttt	tgaaataaaa	ataggggagg	gaaaaaaaaat	ccttccaatg		240
ggaacccaaa	agcaggggaa	aatagctttc	cttatttcag	gtaaagcaaa	ctttaaacca		300
aaaagaaaac	gggttttttt	catttcccca	gaaaaatgta	ccatttggtta	acatc		355

<210> 1858  
 <211> 315  
 <212> DNA  
 <213> Homo sapiens

<400> 1858							
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gtgaaaatac	tgtcaggcaa	aaaggcatag	ctgactggaa	gctgaggcct	gctgctgccc		180
agcatagcaa	gagaagtatg	gtttctactg	aatgcatatt	gcttttgcac	cattgtaaag		240
ctgaaaaatc	attaaaatag	tagtcgaaga	aaaaatggct	gaaaactttt	caacattttac		300
gacagacacc	aaatg						315

<210> 1859  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 1859							
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gagaagtgtt	taaattatcg	ctcagtttcg	tatatagaat	tctctcta	tttatttcct		120
tagcctgttt	tggtagggtta	ttgttttccc	agcattttgtc	catttaattct	aagtttgcca		180
atgtcttggc	atcagattat	tcacaatatc	actttaccat	tctaattgtct	acaggggcat		240
tcccttttta	ttcctttacat	tattttcttg	gtgcctttctc	cctttgtttc	ttttgattag		300
tctcaccagg							310

<210> 1860  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 1860  
 cggtgctgtc gaacaactgc ctcaggatat actcttttta atcagttattg taactaacct 60  
 tggcttattt tactttttaga cttgggggttc tattttgctt taaaacatgt acatcagttt 120  
 tgttttttgt tttgatcttt tctttccttt tttttttttt ttttaaaaaa aagggatttc 180  
 cctttgcccc cccattttttt aaaagtgggg ggggccccaa ttttgcccta actgcagcct 240  
 tgacctttaa gcctaagggga accctcccc ctcaccctcc aatatagggg ggactatagg 300  
 accccccccc caccgcgggt aaattttggt ttttctgaa aaaccaaagt ttcccttgt 360  
 ggtgaagctg ggattgaacc cccggggaca aaccaccccg 400

<210> 1861  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1861  
 attccctatt agtatgacat ttacttttgg ttattagtag gtagtcatta acatgtttaa 60  
 gagtttcgcg tacttcctgt ttatagtgtt attgctagaa gtggttcctg aattttataa 120  
 aatgcctttt cagcatctat tgataaaatt gtatgatttt ttttctcttt aatttggtga 180  
 tgtaatgaat tagaatggta ggcatttgat gtggaaccaa acttgatttt ctggaacaaa 240  
 tactacttgg tcattgtgaa ataatgattt gctacatgag tggattttat ttaccagtat 300  
 ttaatttaga attattgcat tctcattcca aagtacaatt ggattttggc cctctgatgc 360

<210> 1862  
 <211> 366  
 <212> DNA  
 <213> Homo sapiens

<400> 1862  
 cacatacgca tacctaacac atgtgcacac acgatcctgt ccccatcttc ctctccctgg 60  
 atcctccgag catgcacact gacacagttg cacacatgca tgattgtgca tacacacacg 120  
 tattcacagg cacacatcca tacacaccta caagcacaga agcatgcaca caccacatgc 180  
 atgcatactc acacaaaagt gcacgcatgc atataccact tatatacaca ggcacacacc 240  
 cgtacacacc cacatgcaca catgctcgta cacaagtgca cacatgcata tgccatacaa 300  
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<210> 1863  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 1863  
 ggcacgaggg cagtacatgt acgatgatta ggttgcagaa tacatcgatt gcatcagcaa 60  
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 ggtgctcaac accaacagcc ggtacctgca tgacaacatc gtggactatg cgcagaggct 180  
 gtcagagacc ctgccggagc agctctgtgt gttctatttc ctgaattctg ggtcagaagc 240  
 caatgacctg gccctgaggc tggctcgcca ctacacggga caccaggacg tggtggtatt 300  
 agatcatgcy tatcacggcc acctgagctc cctgattgac atcagtcctt acaagttccg 360  
 caacctggat ggccagaagg agtgggtncg cggg 394

<210> 1864  
 <211> 235

<212> DNA  
<213> Homo sapiens

<400> 1864  
agatggagag ggaaagcatt tggaagacag aaactgaata cacaaattgc aaatatttga 60  
aatgaacaag aggtcatttc ctacaaatta taaatgtaa aatgataagg gactattatg 120  
agcaaccata tgccaataaa tttgtcaatt tagctgtaat agaataattg gccgggcgcg 180  
gtggctcacg cctgtaatcc cagcactttg ggaggccgag gcgggcggat cacgg 235

<210> 1865  
<211> 235  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(235)  
<223> n = A,T,C or G

<400> 1865  
acgacagaag ggaccgcgcc cggccgagag ttgactcttc agattcacaa ggtccacaga 60  
gaaacactca gaggaataat caaaccaaac cttnnaaaaa aaaaaaaaaa aaaaaaaggg 120  
ggggggggtt ttttcggaaa ccccaactgg gaaaaaacct ttgggggggtt ggggccaccc 180  
cccctttggg ggggggggaaa aaaagggttt ttttgggaaa tttggggggc ttttt 235

<210> 1866  
<211> 320  
<212> DNA  
<213> Homo sapiens

<400> 1866  
cggggattat aatattcaat caacgttatg aatgaaaagt gtattttgcc ttatactttc 60  
aacacacaac ttactaacct aatatattca cttattaatc agataatttt gtgttaaaac 120  
ttacaactct tatttttcatt ggactttgat tgattaatta tacatttgac aaattaaaat 180  
ctcaaacatt tatgcactgt tcacaaactt aaactgtctt aaacatataa agacacaaaa 240  
cttatatatt tagcaaattt aattctctga aatttttgtt ttgttttgtt gagacagggt 300  
cttgctttgt caccagggcg 320

<210> 1867  
<211> 229  
<212> DNA  
<213> Homo sapiens

<400> 1867  
tacggccttt gcattttctg ttttctctgc ctggacgtgc tgtgcgcccata tactactcact 60  
tggttaccc tcttgctcc ttcagggtcac tgctcaagtg tcttcttacc agagatgcct 120  
tccttgacta ctgtctataa aatagtaaat gcggccgggc gcggtggctc acgcctgtag 180  
tcccagcact ttgggaggcc aaggcgggtg gatcacgagg tcaggaaat 229

<210> 1868  
<211> 417  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(417)

<223> n = A,T,C or G

<400> 1868  
gcctacgggt ttcgttaaaa cgacacaaaag ggcgggatct cggctcactg caagctccgc 60  
ctcccgggtt cacgccattc tactgcctca gcctcccaag tagctgggac tacaggcgcc 120  
cgccactacg cccgggctaatt tttttgtatt tttagtagag acgggggttc accgttttag 180  
ccgggatggg ctgatctcc tgacctcgtg atccgcccgc ctcggcctcc caaagagctg 240  
ggattacagg cgtgagccac cacgcccggc cggagtaatt ttacaaaaga gacttgtag 300  
taactacctc atccagggtta tcaaattaac atcaacagtg attaaagcca ggtgataccc 360  
tgtgcccggg atattatgtg atgagaatgg cacatttcct ttgagatctt cctcccn 417

<210> 1869

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1869  
ggctaacttt tttgtatttt tagtagagat ggggtttcac tgtgttagcc aggatggtct 60  
cgatctcctg accttgtgat ccacctgcct cggcctccca aagtgctggg attacaggca 120  
tgagccacca caccggacct cccttacatt cttaaaaatt atggagaacc ccaaagacct 180  
ttgctttatg tgggttctat ctattaatat ttaccaaatt aatattaaag cggagagaaa 240  
tttaagtatt ttcttactaa tttttaaaca ataaatttta atataatgaa ccctttacaa 300  
gctaaagtaa gacggagtct cgctctgtcg cccaagctgg aa 342

<210> 1870

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1870  
aatcttggct cactgaaagc tctgtcctct ggggttcaagt gattcacatg cctcaacccc 60  
ccgcgccctg cctcaaggta gctgggatta cgggcgcccc acaccacacc cagctaattt 120  
ttgtattttt agtacagatg aggtctcacc atgtcgggtc tgctgggtact aaactcctga 180  
actcatgctg gaaaactaat ttaactttcc tcttggatga cctttgggtt tactaattat 240  
attagcggca tcatcacaaa gctgttttta tctttatgaa aatttttagac accatgtttc 300  
tttaaaactcc ttctacattg gaggcattgag gatacaatta tccaaaaaat ggt 353

<210> 1871

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1871  
cgttgctgtc gttcaggggg aaattgaaag atatatattt tagtcgattt ttcaaaaggg 60  
gaaaaaagtc caggtcagca taagtcattt tgtgtatttc actgaagtta taaggctttt 120  
ataaatgttc tttgaagggg aaaaggcaca agccaatttt tctatgatc aaaaaattct 180  
ttctttcctc tgagttagag ttatctatat ctgaggctaa agtttacctt gctttaataa 240  
ataatttgcc acatcattgc agaagaggta tctctatgct ggggttaata gaatatgtca 300  
gtttatcact tgtcgcttat ttagctttaa aataaaaaatt aataggcaaa gcaatggaat 360  
atttgcagtt tcacctaaag aacagcataa cgaagcggga aa 402

<210> 1872

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(324)  
 <223> n = A,T,C or G

<400> 1872  
 gaagagagag aagagaatga gagagagaca gagaaggaga aagaaagaga ataaggggga 60  
 gacagagaca gagagaggaa gaaagacaga gaaggaggaa gagagaggaa gagaggcggg 120  
 aaggggggag agagaagaag agaagagag agagacagag agggaagaag gaagagaggg 180  
 aggaagagag aggaagagag gcaggaagag ggggagagag aacaccgatg aaganaggaa 240  
 taaaggaata gaggaaggga gaaagaaaga tctaggaaga gagaggaggg aagactgaca 300  
 atatgacagc atgggcaaga gagt 324

<210> 1873  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 1873  
 cgccagcta gttttttatg tttagtagag acagggtttc gccatgctgc ccagggtggg 60  
 atcaaactcc tgagctcagg caatccacct gccctggcct ccccatagtgc ctaggattgc 120  
 aggcattgag tactgtgccc agcctactgc tctttcttct gtttacagag gaactgcagg 180  
 tgctagggat acctggatga atgaaataca gccctgcccc acagtatttt gtggtctggt 240  
 ggcaatgacc gacctgttac agaggcactt taatagagac tgctatgtgt caaagcacag 300  
 ctgtgg 306

<210> 1874  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 1874  
 ggaatagctt cctatacccc caaagtccta ttcagggtctt ggggtacaca ctgcccagtg 60  
 ggctcttttc ttatcatctc agttagaatc cttttctccc tctatatatt ttgcaacttt 120  
 aacagttcag ttttttggca atatatgaa catatttaaa gtatacaaat ttatcagttt 180  
 tgatatctgt aaacatccca tgaaactatc actacaatca agaaaaacat attcttagcc 240  
 aggtgtggta gctcacacag gtaatcccaa cactttatga gg 282

<210> 1875  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<400> 1875  
 gatgctatgt aagacaacca ttgcagagac acaaagtaat cagattcttg aaggtcaatg 60  
 caaaagaaaa aaatattaaa ggcagttaac gacaaggggc aggtcacata aagtggaaac 120  
 tacatcaaac tcacagggga actctcagca atatcccaca gtcagaagac attaagaatc 180  
 catattcagc atttttgaaa aaataaaaatt ttgaaccaag aattttatgt cccaccaaac 240  
 taagcttcat aaacaaggga gaaataaaaat ccatttcaga taagcaaaag ctagggggaat 300  
 ttatg 305

<210> 1876  
 <211> 365  
 <212> DNA  
 <213> Homo sapiens

<400> 1876  
 ttgaaaggat aaacaaaact gataaactgc tagtctaatac aagaaaaaaa aactccaata 60

aataaaatag	acaacaataa	agttacactg	caacttatac	aactgaaata	cagaagatca	120
taagggatta	ttatgagcaa	ctatatatac	acaaactgga	aacctagaag	aaatagataa	180
attcctggat	acatacaatc	taccaagatt	gaatcaggat	gaaacagtaa	atctgaaaag	240
accaataaag	agcagtaaga	ctgaataagt	aataaaaacat	ctgccaacaa	agaaaagttg	300
aggacttaat	ggctccactg	ccaaattcta	tcaaattgggt	aaagaactaa	cccatatttc	360
cctaa						365

<210> 1877

<211> 146

<212> DNA

<213> Homo sapiens

<400> 1877

tgtcgcttg	gagacgacga	ccgatggggc	tttgttggtg	agacaggggt	tctcattgcc	60
ctgggtgggc	tacatctcct	gatctctagc	tacccacctg	ccttgggctc	cccaagggtc	120
ggggattccc	gattgaggcc	caccgg				146

<210> 1878

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1878

cagtctctac	taaaagacag	aaacaatata	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttctttta	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	caggggggatg	ccgttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcatc	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaagaag	taattcaatg	ttaaaattgt	tattaaggcc	gaacgtgggtg	300
gctcatgcct	ataatcccag	gactttggg				329

<210> 1879

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1879

cggttgctgtc	ggaaggagag	aagcgatata	ttgatacatc	ctatgggtat	taaaaagcca	60
atagaatatt	atgaataatt	ttatgctaata	aaatttaaca	acttcaacat	cataaacaata	120
ttccttgaaa	aataaaaagt	accaaatttc	attcaagaag	aaatagatac	cagcctgagc	180
aacatggcaa	aatcccattc	ctacaaaaca	tcaaaaaaaa	aaaaaattag	tggggcgggg	240
gggggcaccc	ctgaaatccc	actttgtctg	gaggttaaag	gggaaggata	acttgacccc	300
aggggggtaa	gggatgcggg	ggcccttggt	ctccccctgg	cctttttacc	tgggggaaaa	360
aaaagaaacc	cccgtctcaa	aaaaaaaaaa	aagtgaataa	tttgga		406

<210> 1880

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1880

gatcccatcg	attcgcattc	cggttgctgtc	ggagctcctt	atctgtctga	gaatggggac	60
cagctctgag	tggggttgct	gcctgtattc	cctgtttctc	aggaacttac	atgggtctgg	120
ggaggtctag	taggtgattg	tacgtggttg	ctcttctcct	tggctggggg	aggtaatgag	180
cagatctctg	tgggtgtgga	gcttgtttgg	gggatgtcta	ggaagcttca	gcttagccac	240
attcccaagt	ttaggtgcac	tgagccatat	agcccagtg	atgcatgtgt	gggtgtgttc	300
atgcacacac	acactctctc	tcttgtctct	ctgtctctct	ctcactctta	ctttcttact	360
ctcttctcag	gtcacttgta	cacttggttt	cctagtagaa	gctca		405

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

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<210> 1882
<211> 378
<212> DNA
<213> Homo sapiens
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<210> 1883
<211> 341
<212> DNA
<213> Homo sapiens
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<210> 1884
<211> 358
<212> DNA
<213> Homo sapiens
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<210> 1885  
<211> 138  
<212> DNA

<213> Homo sapiens

<400> 1885  
ctgactggaa ttaattaaac taacctttct ttgccttact acgtgcttac cacagtgaag 60  
gtaccctccc tagccaggcg ggggtgactta tgcttataat cccatcactt tgactgactg 120  
aggcagggtga atcacctg 138

<210> 1886

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1886  
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tctcacatgg ccacaccttg gtatagagaa aactgggaaa gccaatccag tacttagctt 120  
tccaggctct atgatggcaa ttgtcaagga gaggggttaga aatgtgtgtt ggggcaggac 180  
acgggtggctc atgtctgtaa tcccagcgct ttgggaggcc aaggcagggtg ggtcacctga 240  
ggggaggagg gtctcaatct cttgacccta tgatctgaca ccttcggtct cccaaagagc 300  
taggactacg ggcattgg 317

<210> 1887

<211> 81

<212> DNA

<213> Homo sapiens

<400> 1887  
acgacagaag ggtgcggctg ctagaatacg accgaggggt catcttttaa tagcaagaat 60  
catatttttt ttccagtacc c 81

<210> 1888

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1888  
gagcaagact ccattctcata gggaaaaaaaa aaaaaaaaaa gccggggcccg gggacttaaa 60  
ccttgaatcc caggcttttg ggaggggccg ggggggggta caaaaggcca ggaattcaaa 120  
accccccccg ttttagggga accccccttt tttaaaaaaaa aacaaaaatt aattgggggg 180  
gggggggggg ccctggaaac ccaatttctt ggggggggtg gggcaaaaaa atctttaaac 240  
cccagggggg ggggttccaa gagcccaaaa ttccccccat tgtccccaat tggggggaaa 300  
aaacaaaaat ttttttttaa aaaaaaaaaa aaaaaaaacc gggggggggg cggtttaaca 360  
aaaaaagaaa attccccacg gcccg 386

<210> 1889

<211> 122

<212> DNA

<213> Homo sapiens

<400> 1889  
atcaactgct atgacgggtc acaatgtcag tataccagaa ggaatagaaa actgatactg 60  
ttttaaataa tctgtcattg tacctttttt ttttgctga actacattct atgggacgtg 120  
gg 122

<210> 1890

<211> 383

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(383)  
 <223> n = A,T,C or G

<400> 1890  
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 tattgacgaa gaaggggatg aggatgaagg tgaagaagat gaagatgatg atgaagggga 120  
 ggaaggagag gaggatgaag gagaagatga ctaaatanaa cactgatgga ttccaacctt 180  
 ccttttttta aattttctcc agtccctggg agcaagttgc agtctttttt tttttttccc 240  
 ccttggtccc cccccccctt gttttggggg ccttttttct ttcccccggg ctccccattt 300  
 tttggggggg aaactccttg ggccccaccc cctggggaaa aaaccctccc cccttttttg 360  
 tcagaccca tctttttccc ccn 383

<210> 1891  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 1891  
 ggagatgctt ttccttctgc atgttaactc acaactcatt cctaatactg gtggctctaa 60  
 tccaactgac taaaatgctt ttctcccaa ggaactaacg tagttacttg agagaagagt 120  
 ttaatccagc ttctcctgcg tggcaaaagg ttttttttca tcagagggta gctgacttca 180  
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<210> 1892  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(337)  
 <223> n = A,T,C or G

<400> 1892  
 cggggacggc tccgagaaga ctacagatgg gaatagtatt ggtaaaaccg tgataaaatc 60  
 aaattgtttt ctgatagaat atcactttac catgtaatca atttatgaat cttctcccta 120  
 caacactatt taataattac tcttataaaa atatgctttg aagtatccaa acctaaagtt 180  
 aaaatgagtc atggaattgt aatggcaata gaaaaattac aatcacatta tcagcaaaaag 240  
 ctgacagttt gactccctct ttaccaatct ggatgtccag acagtaactg ctgtcttcaa 300  
 gagactcacc taacacataa ggaatcacat aaacttn 337

<210> 1893  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 1893  
 gaaactgagt ctgagagaga caaggtaact ggctaataag ttcgaacact gtttttccca 60  
 agactatgtg actcaaaata cagaggaagt ttggtgtgtg tgtgtgtgtg tgtgtgtgtg 120  
 tgtgtgtgtg cgcgctttca ttttactat atagtagagc tctttaaata actctctgag 180  
 acagaatgaa aatatacacg tgttggggtg cgcgcagtgg ctacgcaat tctccctct 240  
 ctgtgggagg ccacgctggg tggatcacct ggggccgaga gtgagacacc actctggccc 300

gtggggagac ct

312

<210> 1894

<211> 325

<212> DNA

<213> Homo sapiens

<400> 1894

aatgtaaaac	ataaaaaatat	aaaacttcca	gaaaacggca	caagagaaaa	tctagatgaa	60
tttgattttg	tcaatgactt	tttagatatg	gcatcaaagg	caagatctag	gaaataaaaa	120
gttaataaaa	tggactttgt	taaaataaaa	actatatgct	acatgataga	cgtctagcga	180
atgaatagac	aaacacgggc	tgagagaaaa	tatttgtaaa	agatctactt	gataaaggac	240
tgttatgcaa	gtatataaag	aaccctaaaa	tctcaacagc	aaaaaaaaat	ctgattagaa	300
attgtgtcag	agactttcac	aaacg				325

<210> 1895

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1895

cgttgctgtc	gggcaaaact	caacagcccc	tggagctgcg	cttggtggtg	agctggaccc	60
tgatttttagc	tggaccttgt	ttttagagac	agggtttctt	tctgcagtct	caatctccta	120
gccttgattg	atcctcctgc	cttggcctcc	caaagtgtct	ggactacagg	tgcattgcaac	180
cacacctggc	taattttctt	ctcttctttc	ttttcttttt	tttttttgg	agggaaactt	240
gtttgggggc	ccaagtgggg	agaaaagggg	gccattctgg	tttattggaa	ccttggcccc	300
cgggggtaaa	acaatttttc	gggctaaacc	cccccaaggag	gtgggaaaaa	ggggggggcc	360
cacccgcccg	ggataatttt	tgaattttaa	agag			394

<210> 1896

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1896

cagaccattc	gtgacatgct	tggacttttt	ggtttgttct	gaacatcttt	ctttcttata	60
caaccactca	ttttattctt	ggtctaaatt	taccatacaa	gattattttt	catacaaaat	120
tattttctcat	ttgggcatag	tggctcatgc	ctgtaatccc	agcacttttg	gaggtcaagg	180
ctagtatgtc	acctcaggtc	aggagtctga	gaccagcctg	gccaacatgg	caaaacccca	240
tctctacttt	aaatacaaaa	attagccggg	catggtggca	ggcacctatt	attccagcta	300
ctcaggaggc	tgaggcagga	taatcacttg	aaccctgctg			340

<210> 1897

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1897

tcttcacctt	tgagacttca	aagataggcc	agatgtagga	acaaaacggc	tgattagaag	60
cagctgcagt	ccgcagcact	cacaaagaga	aatgaaaagg	ggtgagtga	ttcagcacct	120
tcaatggaaa	tatccatgtt	cttgcatagg	gaataactag	gtgaacaact	tgacccatgg	180
aaaataaaga	aaaggagggg	ggtgacaaac	caccagagg	tggcacagag	cccaagggaac	240
caccacccca	agccaaggga	agtggtagt	gatagtgtga	cccactctg	ttaccaatga	300
acaagctaac	ctcatgatga	g				321

<210> 1898

<211> 129

<212> DNA  
<213> Homo sapiens

<400> 1898  
gaaagtacag catcacttat tatttggcag tgcctctcat gcaatttaac acatcaaata 60  
aggctaatta gtttaacttt cctcttggta ccaggagaaa aaattaattc ttttgaccta 120  
tttcatggg 129

<210> 1899  
<211> 351  
<212> DNA  
<213> Homo sapiens

<400> 1899  
ccagtgggtga atgagacaga cctattcctc acctttgaga cttcaaagat aggccagatg 60  
taggaacaaa acggctgatt agaagcagct gcagtcgcga gcactcaca agagaaatga 120  
aaaggggtga gtgaattcag caccttcaat ggaaatatcc atgttcttgc attgggaata 180  
actaggtgaa caacttgacc catggaaaat aaagaaaagg aggggggtga caaacccccc 240  
aggagtggca cagagcccaa ggaaccacca cccaagcca aggggaagtgg tgagtgatag 300  
tgtgacccca ctctgttaca aagtaacaag ctaacctcat gatgacagga g 351

<210> 1900  
<211> 138  
<212> DNA  
<213> Homo sapiens

<400> 1900  
ggaagattta gcattttttt tcattgccct ctcagtacct aattctgtta atagaagttt 60  
tttctgtat tttcttctaa gagttttata gttttagctc ttaatgttta ggtgtttgat 120  
cctcaaaagg tattttatt 138

<210> 1901  
<211> 334  
<212> DNA  
<213> Homo sapiens

<400> 1901  
tatgcataag acaaccatgg tgcactgcag ccactaactc ctggcctcaa gtgacccca 60  
cacctcagta gtcccatagt tgggactcta ggggtgtgcta ccacacacga ctttaagattt 120  
atatttttaa aaaaactgga ggtataacta tataaagtgc aaaaatctta catatacaac 180  
ccaaatttag acacatagaa actatatgaa tatatatgta accattatca atataaaata 240  
tttttaaaat aaaattaatt caaaatatta tattctaaca cactgcctta tgggttagata 300  
ccataaggca tgtaaaaagt tactacagat aaag 334

<210> 1902  
<211> 418  
<212> DNA  
<213> Homo sapiens

<400> 1902  
cggttgctgtc gaagaattag aagagaatcc agaaagcaca gtctatgatg attataaatt 60  
tgtcaccaag aaagaccttg aaaatttagg gctcaccac ctcattggat ctcctttcct 120  
ccgggcatat atgcatgggt ttttcatgga tataagactc tatcacaagg tgaaactgat 180  
ggtaaatcca tttgcttatg aagaatatag gaaagataaa atacgacaga aaatagaaga 240  
aacacgtgca cagagagtc agttaaagaa attgccaaaa gttaacaaaag agctggcact 300  
taaattaatt gaggaagaag aggagaagca gaaatctaca tggaaaaaga aagttaagag 360  
tcttctaat attctcaccg atgatcgatt taaagttatg tttgagaacc ctgacttc 418

<210> 1903  
 <211> 444  
 <212> DNA  
 <213> Homo sapiens

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<400> 1903
ggcacgagggc cgcattggtt cgggtctctc tgcgaccttc tcggggccacg gggctcgggtc      60
cctactgcag ttcttgccgc tggtagggca gctcaagaga gtcccacgaa ctggctgggt      120
atacagaaat gtccagagggc cggagagcgt ttcagatcac atgtaccgga tggcagttat      180
ggctatggtg atcaaagatg accgtcttaa caaagaccga tgtgtacgcc tagccctgggt      240
tcatgatatg gcagaatgca tcgttgggga catagacca gcagataaca tcccccaga      300
agaaaaaat aggcgagaag aggaagctat gaagcagata acccagctcc taccagagga      360
cctcagaaag gagctctatg aactttggga agagtacgag acccaatcta gtgcagaagc      420
caaatttgtg aagcagctag accg                                     444
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<210> 1904  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

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<400> 1904
accatgttag gcaggatggt ctggaactcc tgaccttggt atccaccac ctcggcctcc      60
caaagtgttg ggattacggg cgtgagccac cgcgcccggc ccctgaactc catccttaac      120
aggagaagct acaaacacac attgtaaaag tgcattgaata taaggagaag tgaggcatgg      180
tgcccatctt tgccatctac cacattagta gaagagaaaa aataaaataa aataaaataa      240
taaaaaactt gatggatcct taaactgtta gaaagaagga ataatgaac cacagaatga      300
tgaacaaat agaaaacaaa tagtaatatg gtatagtcca acccacatat atcagtaatt      360
acattaaatg tagatggact aaagtcaaag a                                     391
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<210> 1905  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

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<400> 1905
ctcacgcctg taatcccagc actttgggag gccaaagggt gcagatcact tgaggtcagg      60
agttgagtc agcctggcca acatgacgaa acccatctc taccaaaaaa taaaaaaatt      120
agatgggctt ggtggcatgt gcctttagt ctcacatact tgggaggctg aagtgggaga      180
atcacttgag gccacaggaa gtgggggagt accactgcac tacagcctgg gggacagagt      240
gaaacccaaa aataaataga caatgatgct cagccatgac tgtttcaaca cagacatatt      300
tgctctttaa agaaaaaac cttcatgaa tattcatcct tttc                                     344
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<210> 1906  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(263)  
 <223> n = A,T,C or G

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<400> 1906
tcaatatctt tagccattag agaaatacaa attaaatgag atgccattcc acacctacta      60
gaataaatat aattaaaaat actcatcatc ttttgtgttg gtgatgattt agaacaactg      120
taattctcaa atactgatgg taggaaagta aaatgatata gccactctgg gaaaaaaaaa      180
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atggactgtt tcttacaag ttaaataagac ccccatcatt ttacctactt attctactgt	240
tgctctttaa gcagaaaaca gan	263

<210> 1907  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 1907	
cacttaaaga aatgagaaaa agaattacaa actaagccca aaataagcat ataaaggcaa	60
taataagact agagtagaaa taaataaaaat agagaattaa aaaaaaaaaa aaggcaaacc	120
gggaacgggg ggaggggggct aatttttgaa ttcccaccat ttggggaggc caaggaaggc	180
ggacaacaag gccaaaaaat caaaaccttc cttgccacaa ggaagaaccc ctttctttat	240
taaaaaaaaa aaaataaactt ggccccgggg gggcaggctt gaagggccac ttactcgggg	300
ggctgaaaca gaaaatttgt tggaacccaa aagggggggg tggagggggc ctaatggggg	360
caatggag	368

<210> 1908  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 1908	
cgttgctgtc gcctgttcaa cctcagcaag gttatatcc tccaatggca cagccaggac	60
tgccaccagt accaggagca ccaggaatgc ctccaggcat acctccatta atgccagggtg	120
ttcctcctct gatgccagga atgccaccag ttatgccagg catgccacct ggattgcac	180
atcagagaaa atacaccag tcattttgcg gtgaaaacat aatgatgcca atgggtggaa	240
tgatgccacc tggaccagga ataccacctc tgatgcctgg aatgccacca ggtatgcccc	300
cacctgttcc acgtcctgga attcctccaa tgactcaagc acaggctgtt tcagcgccag	360
gtattcttaa tagaccacct gcaccaacag caactgtacc tgccccac	408

<210> 1909  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(311)  
 <223> n = A,T,C or G

<400> 1909	
caacacgaga agtaatgcag gtactttaag gagctaagag ggaaacagaa atctcagccc	60
tataacaagg aactgtatga gcatagaaac attctcctcc tccccagta actttatcaa	120
aactcttaaa aatttcccct ctttggcaca aacatatgga cacctttctc actccagagt	180
aaaggaatga tgtactaaaa tgaaggattt ataccgggtg ggggtggctca tgctgtaat	240
cactttgaga ggctcagggt ggcggtattgc ttgagctcag gagatcgatc agcctgggca	300
acatggtgaa n	311

<210> 1910  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 1910	
agataaaaat taaaacataa aattaaataa tttttgaaaa cgatgttttc agacatacaa	60
aactgaaagg aatcatcacc agtagacctg cactacaaga actgttaaag gaaattcttc	120

aggcagaaag	gtaattgtac	caaataaaaa	tatgatccca	caagagaaaag	aaagagcatc	180
caaatcggta	aagaggaagt	catactgtca	ctgtttgccg	atgatatgat	ctttgacaaa	240
gcaaacaaaa	acataaagtg	gggaaagcac	accctattca	acaaatggtg	ctgggataat	300
tggcaagcca	catgtaggag	aatg				324

<210> 1911  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 1911						
gttgatggga	atgtgaaata	gacatcctat	ctaaagggca	tcttgagtat	atctaaattt	60
aaaacacacg	taccgtttga	cctaataatc	ccactttttt	ttttcttttg	agactgagtc	120
tcactctgtg	gcccaggcta	aagggcagca	gcttaatctc	ggctcactgc	aacctctgcc	180
tcctgggata	aagagattct	ctgggcctca	accttccaag	gagctggaat	tacagaggcc	240
cgctcccca	cccgaactgat	ttttggattt	ttagtaaaca	ccttttggac	acctggaaat	300
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ttgg						364

<210> 1912  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 1912						
cgttgctgtc	ggggcattat	aagtaattaa	agatgattta	agtatatgga	aagatgtata	60
taggttatat	gcaagtactg	tgccatttta	tataaagcac	ttgaacatca	cagatttttg	120
tatcaatgag	gggtgctgaa	accaattgcc	catggatacc	aagagacagc	tatatttggt	180
tcaatgtgta	cctctccttc	taaactcagt	tcttaagcat	atagtatctt	tatagctata	240
cacctagtgt	ctatcagacc	ctaaactatg	gtagggcctc	aatacatatt	attgttatag	300
gtagatagat	aggcatgagt	agggcaggag	agggctctcc	ctccacccac	tagaaatgtc	360
aagtgatgtt	ttaaaaattg	tg				382

<210> 1913  
 <211> 351  
 <212> DNA  
 <213> Homo sapiens

<400> 1913						
aaaccaatgtt	tccaactgca	tcctgttata	aagagagagc	aaatttttatt	aaacttatgt	60
aaataattct	tgccataaaa	aataagaata	ctcatggata	gtttctgaat	tttagaggaa	120
tcaaataggg	acaaaaaaaa	tgtttccacc	tttggttcaca	aagtatacca	aattactgta	180
aactaataag	tagcttaaga	gaaagaaaag	gtttccttaa	agctagaaaa	caaaatattt	240
aaataaagaa	cctggctagg	catggtggct	catgcctgta	atcccagcac	tttgggaggg	300
cgaggtgagc	aaatcacctg	aggtcagggg	ttcgagacca	gcctggccaa	c	351

<210> 1914  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 1914

ttttgccttc	agaagcttcc	ctgaaaatca	cgaataggag	gcagataaat	agtagaaaag	60
gcatacaggt	ttctgcaatg	tgtgtacacc	ggagacgtta	gaactaagac	ccagacacac	120
gatgcgtgca	gaagcttatc	taccacatga	agtttacaga	aagaatgggg	tcttggatca	180
cagggaaaaa	ataaagggtta	tgtgagaaaa	cgaccctggc	tagcaacagt	ggacttattg	240
cataggtgga	atctcactag	gagcagtcct	cagagagaat	aaacagaana	tgtttctttc	300
agacctttgg	agacctcaga	ctctcattta	agctttccta	gatccagaca	aaggggcaga	360
cctcagagaa	agcctggctg	catcaaggca	gatn			394

<210> 1915  
 <211> 369  
 <212> DNA  
 <213> Homo sapiens

<400> 1915						60
tacggctgct	agaagactac	agaagggtac	ggctgctaga	agaccacaga	agggaatgat	120
attattagat	cactgaagca	gaaaattagc	aaagatat	aggacctgaa	atcagcactg	180
aaatcagaca	gaaaacactc	ctcaacaaat	gcaaaaaaaa	aaaaaaaacc	ggaattttta	240
acaccccttt	taaaaccaca	ccccattcaa	tttaaaactc	aaaacggaca	agccctttaa	300
aaatcttccc	tttaaaaaaa	tttggaaaaa	ctggctcctg	aaggacttgg	ggaaaatatg	360
gattttaagg	caaaatccaa	aaattttttt	gaatttatta	aaaataaggg	gcccaacttca	369
caaaat						

<210> 1916  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(363)  
 <223> n = A,T,C or G

<400> 1916						60
cggttgcata	ggcaaaggga	gattaaaaaa	caatctgctc	attgctcctg	agctatttga	120
attttctcct	taactaaggt	atgagctcct	ggagctctta	aatgtctatg	ccaagggtctc	180
aagccagaag	ccacagctac	aatccggcct	ggagataggt	gtggntttga	cgtgcacact	240
gtacaaacaa	aacaatatcc	attgtttcaa	agatcagatt	tcacataaaa	atgtggatta	300
tcacaatttc	ttttctttgc	ttttaacttt	tagagacagg	cttgatatgt	tgctcacgct	360
gatcttgaaa	tcctgggctc	tagtgatcct	tctgctttat	cctcccaagc	aggtttgttt	363
tac						

<210> 1917  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 1917						60
atacacatga	catttttttt	tctttttttt	ttttttgggg	ggggaatcct	cctttttgcc	120
ccaagctgga	gggaaagggg	cccaattcgg	ttaaactcca	ggccccctt	ccgggtttta	180
cacatttttc	tggctaaacc	ctccaatgga	gcggaaataa	ggggcccccg	caccaacccc	240
aagatatatt	ttaaaaattt	taaaaaaaaa	aggggtttac	cccgtttaac	ccgggagggg	300
tagactctcg	gaaccaggga	attaccccc	ttggcccccc	aaaggggggg	gaatcacgga	311
ttagccccct	t					

<210> 1918  
 <211> 319  
 <212> DNA

<213> Homo sapiens

<400> 1918

gaagacttac	ttaccctaag	tatatatgca	cccaacattg	gagctcccag	gtttataaaa	60
caattacttc	taaacccagg	aagagactta	gtcacacaac	aacagtgagg	aacttcaata	120
ccccactgac	agcatttagac	agatcatcaa	gttataaaac	taacaaagaa	attctggact	180
taaaaattga	acacttaacc	aataggacct	tataaatata	ttaagaatat	ttcaccccaa	240
caccacagaa	tataaaataa	tcttatctgc	acatgaaaac	gactctaaga	tcaaccacat	300
aatcattcat	aaaaaaggc					319

<210> 1919

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1919

cgttgctgtc	ggaacagaat	agagagcccc	aaaataggct	tacatgaata	tggcccactc	60
tctctgacaa	aagaacatga	cagttcaagg	gaggaaggat	aatcttttca	gcaagtggcg	120
ctggaataat	gggacatcga	catgcaaaaa	aaaagaatct	agacccatcc	ttaccctta	180
acttaaaatg	ttaaaataga	ttcttttttc	cttcgacctt	gagcccttga	caaaatggat	240
cttaaaccta	aatgtaaaac	ccaaacacta	taaaactcct	agaagacaac	ataggagaac	300
atctaggtga	ccttgagttt	ggtgatgagg	ttttagatac	acaaaaagca	taatccatga	360
aagaaataaa	ttggacttaa	atgaatttaa	aacttctgga	agcag		405

<210> 1920

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1920

gagtgtttgc	agagacgtga	agccaaaact	aatagaactg	aggaaaaata	gacaaattca	60
caatacagtt	ggagccttca	gaacttctcc	ctcagtaata	aatagaagta	gacagaaaaa	120
tagcaaggat	atagatgaag	tgaacatcac	catcaaccaa	ctgaaatgct	atagagcctc	180
acacccccaa	acagcacaat	acacattctt	ttaaaccaca	gatggaacat	tcaccagcac	240
agaccatatt	ctgaatcaga	aaacttaaat	ttataagaat	tgaaagcatg	caaagtatga	300
tctgacaata	atgaaatcga	catagagaaa	tgctagggtc	tgaggatgtg	agaagataca	360
gtctat						366

<210> 1921

<211> 248

<212> DNA

<213> Homo sapiens

<400> 1921

aagataaaat	ttgaaatctg	gttaggctgg	tgtaggggtt	ctttgttttt	gggggtttgga	60
agagatgtgt	taaatgttat	gttttttaaa	tagtattttt	gattattttg	tttgcattgt	120
gttaatttag	tttaattttg	gtgcggtcct	ggcatattgt	catttttttc	ttatggttct	180
atggaagact	tgcccatttt	tccaccgttt	gttggttaacg	ctctgggttg	tgttatccta	240
tgattcag						248

<210> 1922

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1922

gtgggtgttt	aaaaggggtat	tgtttcattt	tcacgtattt	gtgaatttgc	cagtattcct	60
------------	-------------	------------	------------	------------	------------	----



tctgttatta	atctttaggt	ttattccatt	gtaatcagaa	aaatggtttg	catgatttcg	120
gctttttaat	atgtattaag	acttgttttg	tagccaacat	atggcctatc	ctggagaatg	180
tttcatgtat	acttgaaaaa	aatttgttgt	tatacggagt	attctggttg	ctctaattgg	240
ccttcaaacc	ctttggtttc	tggtgataat	atatctcagc	acactattca	taattggaag	300
tggtgtacta	aaatctccga	ctgtttatcc	tatgaaaaag	acactttcac	atgg	354

<210> 1923

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1923

tgagtagcta	caaaagagac	cttatggcct	gcaaaggcta	acatattttac	tatctggccc	60
tgtacagaaa	aagtttactg	gcccctcctc	taaggcatga	tttattattg	gatcgttccc	120
agcatggagc	acttcctgcc	cttgccctgct	tcagctcctc	ttcctaacac	tgctgtagaa	180
tagaggaaac	tgagccatga	aaagactatt	tcaaagtctc	agagagagtg	ggattagagt	240
tccatagggc	ccctgagctc	gtgacattcc	cctcaagcct	ggggtgagat	gctggcgata	300
tccagccctt	agagaacaag	cggtggaatg	gaaggaggga	aaatcat		347

<210> 1924

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1924

tttgtgagtt	tttaatcaaa	tatgtatgtc	attgttcttc	atthttattta	tgcttaaatg	60
cgtcttgctc	tcacacatag	aaaattttgt	cattgatttt	tttttcaactt	tagtttagaa	120
gaaataaaat	tccttataag	aaattggttg	ccagggtgtac	tggtcacgc	ctgtaatccc	180
agcacttttg	gaggctgaga	tgaggagatc	cttgaaactc	aggagttaa	gaccagcctg	240
gataacatag	tgagatccct	tctctatcaa	aaatacaaaa	aattatccag	gtgtgggtggg	300
acgtgcctgt	agtcccagct	gctcaagagg	cggaagtagg	ac		342

<210> 1925

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (313)

<223> n = A,T,C or G

<400> 1925

aggggctgga	ttgattgata	tatggaaatg	taatcacagt	tttccaggaa	cccaaattctt	60
tatctcccct	aggagcagcg	tttcagaatt	cacaaataaa	gtgcttgagg	tgactttata	120
gaacataact	attgcatata	acaagaccta	aatgcattcc	tttctaaatg	gaaatctaaa	180
cacagagttt	gaaaatttag	gtaacactaa	attccccttt	cttgtaactc	ataagtaacg	240
aagtatgagg	aaattataaa	aggtgtaaaa	gtgggttttg	cattgtgcta	ccaatgctaa	300
tggaagatg	acn					313

<210> 1926

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1926

gtgggcaaaa	ggtggtagca	tttcccttga	gaatcagaag	aagacaatga	tgcccactct	60
------------	------------	------------	------------	------------	------------	----

caccactcct	gtccaaaata	gtattggaac	cctagccaaa	gaaaccaggt	aagagaaaga	120
aataaaaggc	atccaaagag	aagagaggaa	atcaaaactat	ctctggttgc	agatgatatg	180
attctatacc	tagaaaatca	atcatctctg	tctgaaagcc	ccttgatctg	atttaaaaaa	240
aaaacttcag	cagaatttca	agatacaaaa	ataatgtaca	aaatcagtag	cattctcata	300
caccaacaac	atccaagctg	agagtcaa	caataatgta	atcccattca	caatagccac	360

<210> 1927

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1927

cagcacatga	aaggattata	caccatgata	aagtagaatt	tatctctagg	atgcatagat	60
atttcaacat	aatcaatcaa	tgtgactcac	tacattaaca	gacaacatga	taatcccaat	120
atattcagaa	aaagtatttg	acaaaattcc	acataggctc	atggtttaa	aaaaaatcct	180
tcaacaaaat	agataaagaa	caaacttact	gcaacacaat	aaagaccact	tatgaaaagc	240
tcacagccaa	catcataatc	agtgaggtaa	acgtttttcc	tctgagatct	agtacaagat	300
gatgttgccc	actctc					316

<210> 1928

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1928

gagttggaga	agggggagcc	ctcatgaact	ggctgctatg	aatacaaaat	gatgcccttg	60
ctgcagaaaa	caatttggtt	gttcctcaca	gaatgagcat	tgggtgaaaa	atgaaatcaa	120
gatggaaatg	taaaaaattt	cttcgaactg	gatgacacaa	cctatcaaga	cctttgggat	180
acagcatagg	cactgctaag	agcaaaactt	gtagtcttaa	aaacctacga	caaaaagtct	240
gaaagagcac	aaatagacaa	tctaagttca	cttctcaggg	aactagagaa	acaggaacaa	300
gccataccca	atcccatcat	acacaggaaa	tacccaagat	cagagccgaa	ctaaatgaaa	360
t						361

<210> 1929

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 1929

gccatcatat	gttctcattt	atttgtggga	tctaaaaatc	aaaacaattc	aactcatgga	60
gatagagagt	acaagatggt	taccagagac	tgggaagagt	agtggggaaa	ttgggggagg	120
tgtgggagg	tttttntnt	tnttnttnt	ggttgacgag	aagaccttat	ggagcggtta	180
attattattg	caaggggtac	ctaaaaaccg	ataggggttt	aaggaacctg	cctgggggta	240
atattttcca	ttaggcgata	ttctgtgggg	aacccacact	tccgagcagt	catgggttta	300
attccccaat	gtaaggcgaa	cttctattcc	tttattggtc	ggaaaaaatt	ggtcgacg	358

<210> 1930

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1930

gttatgctat	atggcaaggg	agaattacag	ttgcagatgg	aattaatgtt	gctaatcagt	60
tgaccataaa	atagggagac	cataatatgg	tcaataggag	tttaccataa	agctagggtt	120
tgtagttggg	agggagggtg	tagtgatttc	agaaatatcc	tggccgggca	cggtggctca	180
cacctgtaat	ctcagcactt	tgggaggcca	aggcaggcag	atcatgaggt	caagagttag	240
agaccagcct	gaccaacacg	gtaaaacccc	atctctacta	aaaatacata	agttagccag	300
gtgtggtggt	gcacgcctgt	aatcccagct	actcagga			338

<210> 1931  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 1931						60
agaatcgctt	gaacctggga	ggtggtggag	gttgtagtga	cccaggatca	tgccattgta	120
ctccagccta	ggtgacaaga	gcgaggctcc	atctcaaaaa	aaaaaaaaaa	aaaaaccaaa	180
ccctttggct	tttgttgggt	tttgaaaaaa	agtttaattt	tgtccccag	cctaaagggc	240
agggccggga	tgtggcctaa	ttgaaatttg	aactccgggc	ctaaggggat	ccaccacct	300
aaccctccaa	aagggtctgg	tttatgggct	tgaccattg	accccagctg	gaaaccttta	310
actttttaat						

<210> 1932  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(342)  
 <223> n = A,T,C or G

<400> 1932						60
agagggcagg	gcttacaggg	ctgtcacccct	tattctccgc	tgagctgttt	taacacgtag	120
ccatccgcag	atggcagctt	ctaaaagagc	attaattgta	acagaccccc	agacactacc	180
atggggccag	agcccaaaag	tgtcacccc	agctcctaca	cctgccccctg	cccatctgcg	240
tgtctccct	cccataaggg	gtttgagcac	gtgtcggcca	agcaaacgag	cttcacccct	300
gtcacaagtc	ctgagaggag	tcagggaact	ctcccatctt	attctgacac	aggtgggact	342
cagcattctc	agaccttcaa	aggcctgttg	ggtggatgtg	gn		

<210> 1933  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 1933						60
atcaatgaag	gattgataaa	agttctcctg	gtgtctccgc	agagtgcctt	ccagggaacag	120
atctttgcat	agaatatcag	tgggttccct	ttttgtttca	aatagtggtc	agaaaaatacc	180
cagtgttgac	tcaccaaggc	aatcagcttc	ctttttccct	ttttttgttt	ttttttaaca	240
ttttatattt	ttgctttatt	ttattttatt	ttattttatt	ttattttatt	ttattttatt	283
ttttgagacg	gagttccact	ctgtcgccag	actggagtga	agn		

<210> 1934  
 <211> 383

<212> DNA  
<213> Homo sapiens

<400> 1934  
cggttgctgtc gcaaatttct tcctgctcag accatagtcc taattactta agaaaacccc 60  
ttctaactgt gtggatcttt taacgtatgg tgcacatgag tgcattggaaa tgagagaacc 120  
tgggtgacag agtgaggcac tgtctccaaa aaaaaaaggg aaaaaaaaaa aatttttttt 180  
ggcttggtatg aagggggggc taacccttta ttcccacct ttgggaaatt tgagggttggg 240  
ggatcatttg acctcaggag ttggaacca ccctgggcaa cacagggaaa cccattcttt 300  
acaaaccttt aaaaaaaat gggcggggcc ggggggttaa cccttgatt tccagccttt 360  
gggaaggcca aggcggccgg ttt 383

<210> 1935  
<211> 317  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(317)  
<223> n = A,T,C or G

<400> 1935  
tgtcaccagc ggactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60  
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120  
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180  
ctctatccaa gacacatcag cttcttctca gaacctgg actcggagca cgcagaccac 240  
cagggaatct caaaccagca ccctaacaca cagaacct tcaactcctt ctttctctcc 300  
aagtgtacac aatgtgn 317

<210> 1936  
<211> 320  
<212> DNA  
<213> Homo sapiens

<400> 1936  
tgtcaccaac aactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60  
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120  
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180  
ctctatccaa gacacatcag cttcttctca gaacctgg actcggagca cgcagaccac 240  
cagggaatct caaaccagca ccctaacaca cagaacct tcaactcctt ctttctctcc 300  
aagtgtacac aatgtgacag 320

<210> 1937  
<211> 386  
<212> DNA  
<213> Homo sapiens

<400> 1937  
cggttgctgtc ggttaagctg tctcagaaag aattgcttgg tccaccagag gcaaagagag 60  
cccagggcc tgaggaagag gagattggga gccctgagcc catggcagct ccagcctctg 120  
cctcccagaa actcagcccc ctacagaagc taagcagcat ggaccggcc atgctggagc 180  
gcctcctcag cttggaccgt ctgcttgctt cccaggggag ccagggggcc cctctgttga 240  
gtaccccaaa gcgagagcgg atggtgctaa tgaagacagt agaagagaag gacctagaga 300  
ttgagaggct taagacgaag caaaaagaac tggaggccaa gatgttggcc cagaaggctg 360  
aggaaaagga gaaccattgt cccaca 386

<210> 1938  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 1938										
gtctacatat	acacatatgt	ctatacttgt	gtttggatat	tgtctacatg	gtaccaaatt					60
gccgtaacaa	taaatgagta	atcaaaaatt	aaataaataa	gccccaaat	ttttcaagtt					120
cttgtgactt	gagtaaatct	tttggtaaat	atgagtagct	taatatagtt	ggtttaataa					180
aaacaaatgt	cttttgactt	atcagcaaaa	tatgcatgta	tttaatgtta	aggtgattgc					240
ttttatgata	cttagataac	atatgataat	attaatagca	aaatgggtta	tacaaaattt					300
aagctgagat	gatggctaga	tttgtctaac	ggctcatgaa	atttttcca						349

<210> 1939  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 1939										
gaataactcg	gaataaaactt	tgcaaaaacta	tttgtaaagt	actataagga	attctgagaa					60
gttactataa	gatagaaaag	aatataggag	catgccccag	ccatatatat	gatgtttcac					120
gtaatatgct	tggtagactt	gtaaaatatt	ttagatgtgg	tgtaggaata	aatctttgat					180
gtaatttggt	tttttgatata	tgtatatgat	tttgaaattt	gagacagaag	ctataccatg					240
aaccaggctg	gaatgcgatg	gaaccatctt	ggctcactgt	tgctgcagc	tacctgggtc					300
aagtgattct	tctttttttg	gccttccatg	gagcatgaga	t						341

<210> 1940  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 1940										
ccctcccacc	ctctgttttt	ttcttcttct	tctctctctt	tttttttttt	ttaaaaaaaa					60
ggggggcctc	ggcggggtgg	cccaggcggg	ccaacatccc	aaattcccaa	attcccccg					120
gcctaagggg	atcctctaac	ctaagccgcc	ctttccaatt	ttgacccccc	ccccagtaaa					180
aataaactgt	ttggcccgcc	cagggggggt	caggacggaa	accccacccat	ttgggggggg					240
cgggggggga	aaaccactgg	accccaggag	tttggggcca	cccggggcca	caggggggaga					300
cggcctctcc	taaaatccaa	aaatttcccc	gggggggggg	gg						342

<210> 1941  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 1941										
cctgtgggtg	tattgtatac	acacatatat	atatatgatt	ttgtgcatgg	ttcctgggtc					60
aaactcccat	ggcgttggc	ttttgttaga	acagtctttt	attagaacag	tctagtaaaa					120
cagttctaac	agtcttttgt	tagaacactg	ggtgtgttag	gcctcaagaa	acggaccctc					180
tccagcctta	ttttggccta	gtttcacctg	cccaaaggca	ggtctcta	cttcccctgc					240
ctttttgaat	gcggtgcata	agactgtacc	cagaggccga	acgcggtggc	tcatgcctgt					300
aaacctagca	c									311

<210> 1942  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 1942  
gattataatc aagtgtaggc ttcctgaatt ttgacatcct tttagaactt gggctctggaa 60  
ttccagaaat gttaattgct gcttgtatct gttcttggtt gtttttttagc cagtatttgc 120  
cctttctatc cagccttatg aataatagca gtaaaatcac agtatcttgg tcagtcttta 180  
ttttttcctt ttttcttttt taagagacag tcatccaggc cagagtgcag tttgatgata 240  
gcttgctgaa gcttcccact cctgggctca agttatcctt ccattttggc ctcttgagta 300  
gctagaccat aggtatgcat caccaca 327

<210> 1943  
<211> 325  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(325)  
<223> n = A,T,C or G

<400> 1943  
cggttaaggag ttttcccact tgaaataaaa aaatgctaga cagcaacatg atggcataga 60  
aaagtatgaa actcattggt aaatacaaat atatagacaa atactgaata ttactgtaat 120  
gatggagggt aacacacttt taattcaact gtacatgtta aaagacaaaa ttagttaaaa 180  
taactataaa taaatatatg gtaaaagata taccatatga ataaatgaac atagtgcacaa 240  
caataatata aagtgtaggg agaaaataag ttagagttac tggatacaat tgaacataag 300  
ctgttatctg ctttaataagg actan 325

<210> 1944  
<211> 322  
<212> DNA  
<213> Homo sapiens

<400> 1944  
attccttatt tgaaaaagag caaagttgct catatcctca atatcagtcc accactgaac 60  
ctaaatccag tttggttcaa acagcactgt gcttatacca ttgctaagta tggtagtct 120  
atgtatgtgc ttggaatggc agaagaattt aaagtgaaa ttgcagtcaa tgcattatgg 180  
cctaaaacag ccatacacac tgctgctatg gatatgctgg gaggacctgg tatcgaaagc 240  
cagtgtagaa aagttgatat cattgcagat gcagcatatt ccattttcca aaagccgaaa 300  
agttttactg gcaactttgt ca 322

<210> 1945  
<211> 330  
<212> DNA  
<213> Homo sapiens

<400> 1945  
ggctcaagag gaatgctcca ggaaagggat agtggatgaa ttcttcccgc tgttgtcaaa 60  
ctaattgtata tggactcaac cacagggata tccccagagc tcctatggaa cactagcaaa 120  
ttttgtgttt ttgttcagtc cgacatgggc tggccctcat cttgcagctc tgtaattttt 180  
caattttacac ccaacaaatg aacttgagca ttgccatccc agctatgggtg aacaacacag 240  
ccccacctag ccagcccaat gcctccacag aacggccctc cactgactcc cagggctact 300  
ggaatgaaac tctaaaagaa tttaaagcaa 330

<210> 1946  
<211> 384  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 1946  
 tacgggtttcg agttgacgac agaaggggctt aaagacaagg atactttcca agaaatgctt 60  
 ccttacacaa ttttggcatt gtgtgaacat cgaacagtgt gttgacgtaa acctacatgg 120  
 tatagcgtac tgtatagtat agatagccca ggggttcctt atctctcagc cacggtatca 180  
 gtccatcacc tggttaagaac caggccacac agcagtaggt gatcagcggg caagctagca 240  
 gagcttcac tttatttgca gctgctccca ttgcttgcac taccgcctga gctccacctc 300  
 ctgtcagatc agcggtagca ttagattctc ataggagcac aaaccctatt gttaactgag 360  
 catgggacgt atgtatggac atan 384

<210> 1947  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 1947  
 tcaaaagaaa gttgtaaccc tgtgatatga atccacacac cacagagcag tttcatggat 60  
 aactaaccac tttctagttt taactgggaa taccctttt ttcccttatt actcaatgaa 120  
 ctgcagaatg tccctttgca tattccaaaa agagtgtttc caacctgctg aaacaaaata 180  
 atactttaac tctctgagct gaatccacat atcacaaagg agtttctcag ataggatctt 240  
 tctagttttt ggctgaggat atttggtttt tctcctatagg cctcagaggg ctcccaaagt 300  
 tctcctcaca gattctaaca aaagagtgtt tcaaacttgc tgaatcaaaa gaacatttta 360  
 g 361

<210> 1948  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 1948  
 ggcacgaggt tgggtagaga cgggggtttta ttogtggttag ccaggatggt cttgatctcc 60  
 tgagctcgtg atccgccctc ccgcctcggc atctcaaagt gctgggatta caggcgtgag 120  
 ccacggcgcc cggaacttct tcttttttaa gcaaagcctg ttagaatggc ttggatctcg 180  
 aggtggcgct ttaccgacc tccgagggct ctgcagccgc tgcgggagaa tgaccctgtc 240  
 ggtatttttg aggtgcttt gagcgcggcc ccctgccaaag taccgggcca tcaaggccct 300  
 gatgcggcca gaccgcgcc tcaagagggc ggcgctggtg ctggtgctgg tgcagatgct 360  
 ggctgctgg ctggtgctgg ggctggcctg acg 393

<210> 1949  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 1949  
 cagcacacca acatggcaca tgtatacata tgtaacaaac ctgcacgtta tgcacatgta 60  
 ccctagaacc taaagcataa taataaaaaa taaataaata aataaaaaga aattaagcct 120  
 cctttttttt ttttttttta aaaaggattt ccacttttgt ggccaaggct gatggngtg 180  
 gnccnaaagc tatcataaac tttagtcccc cttctcaact tgaatctttc cagaaaaaac 240

cactccccgt	tattaccgga	aataggagaa	aaaagttcaa	tgggaaaaca	aagtggttct	300
ttattcctta	aaaagag					317

<210> 1950  
 <211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 1950						
aagggtctca	cctgccagag	atctgtgcaa	ttaaaaacac	ccacagctga	accgttcagg	60
ggctggcaat	tttttttttt	tttttttttt	aaaagggact	cgggttttgt	ggccaagggtg	120
ggggggaaaa	ggggcaattt	ttgttttttg	aaccttaac	ttccggggtt	aaaggaagg	180
gcccacttaa	gtttccgggg	aagttaaaac	aaagggggcca	cacaaaaaaa	tcgggcaaat	240
tttaaaattt	ttgggggaaa	cgggagtttc	gttttgttcc	caaggtgggt	ttcaaattcg	300
ggggttaagg	gaacctccg	gcttgggttt	ccaaaagggc	ggggataaaa		350

<210> 1951  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<400> 1951						
ggcacgagga	agagcaaccg	agatgattgt	gaagatgctg	agccggaatc	cggacaatta	60
tgtccgcgaa	accaagttgg	acttacagag	agttccaaga	aactatgatc	ctgctttaca	120
tccttttgag	gtcccacgag	aatatataag	agctttaaat	gctaccaaac	tggaacgagt	180
atttgcaaaa	ccattccttg	cttcgctgga	tggtcaccga	gatggagtca	attgcttggc	240
aaagcatcca	gagaagctgg	ctactgtcct	ttctggggcg	tgtgatggag	aggttaaaat	300
ttggaatcta	actcagcgga	attgtatccg	tacaatacaa	gcacatgaag	gctttgtacg	360
aggaatatgt	actctctttt	gtgggacttt	ctttttccac	tggtggggat	gacaa	415

<210> 1952  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 1952						
gatttgaaag	gaatgaggat	cctgcactct	tcctccctca	gtaagtaa	gccagtcctt	60
aggaagagag	aacaaaaatg	tctaccggac	cagatgtcaa	ggctacagt	ggggacattt	120
ccagtgatgg	caattttaa	gtggctcaag	aggaatgctc	caggaaagg	ttttgttcag	180
tccgacatgg	gctggccctc	atcttgagc	tctgtaattt	ttcaatttac	acccaacaaa	240
tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	agccagccca	300
atgcctccac	agaacggccc	tccactgact	cccaggggcta	ctggg		345

<210> 1953  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<400> 1953						
gccagtcctt	aggaagagag	aacaaaaatg	tctaccggac	cagatgtcaa	ggctacagt	60
ggggacattt	ccagtgatgg	caattttaa	gtggctcaag	aggaatgctc	caggaaagg	120
ttttgttcag	tccgacatgg	gctggccctc	atcttgagc	tctgtaattt	ttcaatttac	180
acccaacaaa	tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	240
agccagccca	atgcctccac	agaacggccc	tccactgact	cccaggggcta	ctggaatgaa	300
actctaaaag	aatttataag	catggtaagt	taatgagact	ct		342

<210> 1954



<211> 330  
 <212> DNA  
 <213> Homo sapiens

<400> 1954  
 aggcgtgctg tgcaaattggc acacctgggc caaccaatct tttgtgccct atgtaaatca 60  
 gacaccgcct cctcaaactc atttataaaa cctgcatttc actgcagaag tggcaatcca 120  
 ttttctccag ggccccctctc tgttcagaga gctctttctt ttgcctgtta aactttctgt 180  
 ctgaacctca ttcttttgtgt gccggcgctcc tagttttccg tggccatgag accacgaatc 240  
 tcaggatattt accccagacc acagtgtctgc ttcattacca cgttcctgat tccaaaggc 300  
 ccagggcaga ttgaacccta agttcagttt 330

<210> 1955  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 1955  
 caaaggcaaa gatgttacag aaaaagagaa gaatatagat ttatatcctt tatgaatatt 60  
 gatgcaaaga cgttcaacaa atactcacia attgaattta acaatatatc aaaagattat 120  
 acatgatgat caaatgagat ttattcctgg aatgtatggc taattcaaca taaaaaaaaa 180  
 caataaatgt aatacaccac attaacaaaa taaaggatta aaaaaagacc atttcaaata 240  
 ctgcagaaaa agcttttgac aaaattcaac actcttgcat ggtaaaaaa gtaacaaaac 300  
 taggaataca aataatgtcc 320

<210> 1956  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 1956  
 ggctgctctc tggccactag agccaggcag tcacctagct gctgttatgc tgcataacctg 60  
 tctctgagta ctgccttcat ccatcgcca gggctctgtg gacagaccag gcagggtggg 120  
 ccccatgtga ggaacgctgc aatggattgc aagggaaccc ctgaaaacaa atgtgaagtg 180  
 actgagcagt gttaacctta gaagactaga acctaatgag ttatggcaaa cagatgttat 240  
 gcacgtccct gaatttggaa aactaaaggc ctctttggat tccagcacga ggcacaaac 300  
 cataccatgg catgggtagg aac 323

<210> 1957  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(355)  
 <223> n = A,T,C or G

<400> 1957  
 gaaagaaaga agaaaagatc ttgtaaaagt tttcacccaa aacattttca ctttgccaca 60  
 actttcaaag ctacccttta tctactcttc acactccaaa taatactaac aactttaact 120  
 cgcagtaaag tatagcagga gtagtaacta ccatattatta aatgcttatt atgtatcaag 180  
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240  
 tcaccaagc tagtagtgca caatcatggc tctactacagg cttgacctcc tgggcttaag 300  
 catcctccca cctcagcctc ccgagtanta anactacaga tatgtgccac cactg 355

<210> 1958

<211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 1958  
 caccatcaa gtcattatta cctcactgt cgacccaaca caggcatgct catgtgaaga 60  
 tgcgaaaaaa cgacagaaag gaacgggggc gtttttttga tagatcgcaa cgggggagaa 120  
 acctttgggg gagggggccc gcccccttt atgagggggg ggaaaaaatg gt 172

<210> 1959  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 1959  
 gaggtgccc agctactgag ggtctaagtc cgggcagccg aagagtgtgg ttagcaagat 60  
 gaacaaagat gcgcagatga gagcagcgat taacaaaaag ttgatagaaa ctggagaaag 120  
 agaacgcctc aaagagttgc tgagagctaa attaattgaa tgtggctgga aggatcagtt 180  
 gaaggcacac tgtaaagagg taattaaaga aaaaggacta gaacacgcta ctgttgatga 240  
 cttggtggct gaaatcactc caaaaggcag agccctggta cctgacagtg gaaagaagga 300  
 gtcctacaa agaataagaa catttcttgc ttaacatgcc agcc 344

<210> 1960  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 1960  
 gaaagaaaga agaaaagatc ttgtaaaagt tttcacccaa aacattttca ctttgccaca 60  
 actttcaaag ctacccttta tctactcttc acactccaaa taatactaac aactttaact 120  
 cgcagtaaag tatagcagga gtagtaacta ccatattatta aatgcttatt atgtatcaag 180  
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240  
 tcaccaggc tagtagtgca caatcatggc tcactacagg cttgacctcc tgggcttaag 300  
 catcctccca cctcagcctc ccgagtagtt aaaacta 337

<210> 1961  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 1961  
 ggctgatgcc attttcagcc tcagcacgcc tgcacccagg cgctcattaa aacagcatgt 60  
 tgctccccac tgctcgtgt tgtctgttgg cgcgctgacg gggttcgaac cgatacaaga 120  
 accttcacc tacctggtgc tttggcctca tctataagct tttccactgt cctgaaacaa 180  
 gatagagaat ctgagcggcc agtcatctgc cctaagtgt gccgccgaag actgaatgtc 240  
 ctggaaagt ttgtgtcaca tctccattat gacaaaagca ttgcgccgaa cagatgaaaa 300  
 aatgcattgt caacggaatc ttttatgttt ggttgtcttc ctttaagc 348

<210> 1962  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 1962  
 tgggtatata taatttacag aaagtctatg tgtaaatacat tgactgactt aactccgact 60  
 gatcactctc tgtacggaac cacctaataga gatctttttg cctgacacct agatagagcc 120  
 cattaccaag acagaggaat tacaatacag agtttaaatcc atatagaatt ggctaaatgg 180

gagattcaag	ttttattatt	actcagatca	ccctttccaa	aaatccagag	ggtaggggtt	240
tctaaacacg	gtttgttg	cagcggctca	aggaatgagg	aaagctgatt	ggttgtgttg	300
cggataaaat	cataggggtt	aaaactgt				328

<210> 1963  
 <211> 137  
 <212> DNA  
 <213> Homo sapiens

<400> 1963						
tgtaataaaa	gttttattgg	aacagaaaca	cactcctttg	tttacatagt	ggctatggct	60
gcctttgtga	tagaatagca	gaattaattg	actgtgccaa	agattgtaca	gccagtaaaa	120
taaaaaatat	ttactgg					137

<210> 1964  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(323)  
 <223> n = A,T,C or G

<400> 1964						
ctcctctttc	caggtgctcc	ccgagcctca	caggtctggc	tcctgggcac	gtagcaagct	60
ctttccctac	ctttacttcc	ttttcattcc	cttttttttt	ttttaaaactt	aatgggggca	120
aggttaacat	ataaaaaaat	cccctttttt	ggaaaaaaga	aacaaggggt	tttaagaacc	180
tttaccatt	agggaatta	taacaggccg	gtttaaaaac	atgggttatg	accaaaaaaa	240
cccctccggc	ggggggggac	cacctgaagt	cgggagttaa	aaaccagccg	gaccaacagg	300
gggaaacccc	atctttacaa	aan				323

<210> 1965  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 1965						
gctgctctct	ggccactaga	gccaggcagt	cacctagctg	ctgttatgct	gcataacctgt	60
ctctgagtag	tcgcttcac	catcgccag	ggctctgtgg	acagaccagg	caggtgggtgc	120
cccatgtgag	gaacgctgca	atggattgca	agggaacccc	tgaaaacaaa	tgtgaagtga	180
ctgagcagt	ttaaccttag	aagactagaa	cctaattgag	tatggcaaac	agatgttatg	240
cacgtccctg	aatttgga	actaagcacg	aggcatcaaa	ccataccatg	gcatggctag	300
gaccaacccc	gtacacaaa					320

<210> 1966  
 <211> 363  
 <212> DNA  
 <213> Homo sapiens

<400> 1966						
ggataagcta	caacataaac	acatctaggt	tcttgttctt	agaatacagc	atgaagaatt	60
tgctttcttc	tttcttcta	acattttcat	gtgagatcca	gaaaggacac	attgtctctg	120
gccattcgaa	gaaagaaaga	aagaaaaaaa	aaagggtttt	tagagaccga	gagagaaaaa	180
ggctgaaatg	ggttcgctgg	gttctaataa	tccgcaaac	aaacaagccc	aagttcttct	240
tttgggactt	gactcagctg	ggaagtctac	tctcctttat	aaattaaagc	ttgctaagga	300
tattaccacc	atccctacaa	taggtttcaa	tgtggaaatg	atcgagttgg	aaaggaatct	360

ttc 363

<210> 1967  
<211> 363  
<212> DNA  
<213> Homo sapiens

<400> 1967  
cggggttctt gttcttagaa tacagcatga agaatttgc tttctctttc ttcctaacat 60  
tttcatgtga gatccagaaa ggacacattg tctctggcca ttcgaagaaa gaaagaaaga 120  
aagaaaaaaa aggtatttag agacagagag agaaaaaggc tgaaatgggt tcgctgggtt 180  
ctaaaaatcc gcaaaccaaa caagcccaag gtcttctttt gggacttgac tcagctggga 240  
agtctactct cctttataaa ttaaagcttg ctaaggatat taccaccatc cctacaatag 300  
gtttcaatgt ggaaatgaac gagttggaaa ggaatctttc actcccagtc tgggatgtgg 360  
gag 363

<210> 1968  
<211> 341  
<212> DNA  
<213> Homo sapiens

<400> 1968  
tataacagga actcaaagac aatgcacagg gctataatct aagaacagat gtattaacag 60  
ccttactcac tgtaaggctg ggaacccttg aagccaggca ttatatgcac attctcaaat 120  
atgatgctct agttaagcc ttggtaatat atataaccaa tgtttccaac tgcactctgt 180  
tataaagaga gagcaaattt tattaaactt atgtaaataa ttcttgccat aaaaaataag 240  
aatactcatg gatagtttct gaattttaga ggaatcaaag agggacaaaa aaaaatgttt 300  
ccacctttgt tcacaaagta taccaaatta ctggtaacta a 341

<210> 1969  
<211> 384  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(384)  
<223> n = A,T,C or G

<400> 1969  
tacggctgct agaagacgac tgaagggtgt ggtacattca gacattgtaa tattaccac 60  
tgctaaaaag aaatgtgcta ttaagctatg aaaagacatg gagaaaaatg cattttacta 120  
agtgaagaaa gccaatctga aaaggctaca tagtatatga ttccaagtac agttgactct 180  
tgaacaatac aggtttgaac tgcataagatc tacttatata gggatttttt ttcagtacat 240  
acagttggcc ctctgtgtct gtgggttctg cctctgcaat gaaacatgga tagaaaaatc 300  
agtattagcc tgggcaacaa aatgagaacc tgtctctaca aaaaatttaa aaatttagct 360  
gggcgcagtg gctcacacct gtan 384

<210> 1970  
<211> 317  
<212> DNA  
<213> Homo sapiens

<400> 1970  
gaaaacattg ctcttaactc caccgcctac cccaaaacct ataagaacta atgataatcc 60  
caccaccctt tgctgactct cttttcggac ttagcccgcc tgcaccagg tgaaataaac 120  
agccttggtg ctcacacaaa gcctatttgg tggctctctc acatggacgt gcatgacatt 180

gggtgctgaa	acccgggaca	ggaggactcc	ttcgggagac	cagtccccctt	ccctgtctct	240
cgccctcact	ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	300
ggaacatctc	atgaatt					317

<210> 1971  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 1971						
aactggttga	ttttgttagt	attctctatt	atTTTTctat	tctccattct	acttatttct	60
actcttatct	ttattatttc	ttcccttctg	gtagatttgg	gtatggtttt	tttcttttct	120
tttttccaag	tttcacaatc	tgtagattta	ggttgttggg	ttgacgcctt	tcttatcttt	180
aaatttaaatg	gtgtatatgt	ataaattgcc	tcgtttgcac	tgttttcact	gtttcccata	240
cgtttggtat	ggtttctttc	atgtgcattc	atttttaagt	atTTTTctat	ttcccttgg	299

<210> 1972  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<400> 1972						
ggttatcagc	caagagtttg	tatctagtga	aactaagcat	catatacgaa	ggaaagatac	60
attctttttc	agacaaacaa	atgctgagag	tatttgccac	taccaagcca	ccactatacg	120
aactgctaaa	aggagctcta	aatcttgaaa	caaattccagg	aaacacatca	aaacagaacc	180
tctttaaaagc	ataaatctca	caggacgtat	aaaacaaaaa	taccatttag	aaaacaaaaac	240
aaaacaaaaa	ccaaggtata	caggcaacaa	atagcacaat	gaatg		285

<210> 1973  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<400> 1973						
tacgggtcca	aaaaacaaca	aaagggtccg	gttgcaaaaa	aacaacaaaa	gggtccggtt	60
gcaaaaaaac	aacaaaaggg	tccggttgca	aaaaaacaac	aaaagggtcc	ggttgcaaaa	120
aaacaacaaa	agggttcttt	tttcaaaaaa	ccacacaagg	ttacgcctgc	atgcagacca	180
ctgaggggtc	cctctgtgac	aaaaccatca	accttttacgg	ctgccccaat	accaccaatg	240
ggtacgtctg	cgccaaaact	acagacgggg	acggtgtgag	acctcaacag	aagggtatga	300
ttttt						305

<210> 1974  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 1974						
ggcacgaggt	gagccaaggt	cacgccactg	ccctcctgcc	tgggcaacag	agcgagattc	60
ttatctccat	aaaatgaaac	aaagcaaaac	aaagggagag	agaatggagg	ttgcctgtta	120
ctgcatcata	atcttgttta	tgctgactga	tgcattagag	gtactaatgg	catgagagga	180
acaatttctt	gagacacagt	ttactgacca	tgaatttcct	caaaacccca	gagagcaggg	240
ttctcaggag	gagactcagt	gtggaatccc	ttgccaaagt	agaccctggg	tctgtagcag	300
gacgagccgc	agacaaatct	cctcaagaca	ccggattaaa	gaaggaaaaag	gtttattttgg	360
ccaggagcgt	cagcagattt	gtgtctt				387

<210> 1975  
 <211> 368

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(368)  
<223> n = A,T,C or G

<400> 1975  
ggatgccatt ttcagcctca gcacgcctgc acccaggcgc tcattaaaaac agcatgttgc 60  
tccccactgc ctctgtttgt ctgttggcgc gctgtcgggg ttcgaaccga tacaagaacc 120  
ttccacctac ctggtgcttt ggccctcatct ataagctttt ccactgtcct gaaacaagat 180  
agagaatctg agcggccagt catctgccct aagtgtctgcc gccgaagact gaatgtcctg 240  
gaaaagtttgc tgtcacatct ccattatgac aaaagcattg tgccgaacag atgaaaaaat 300  
gcattgtcaa cggaatcttt tatgtttgtt tgtcttcctt taagcaacat tgccttactt 360  
gttataan 368

<210> 1976  
<211> 339  
<212> DNA  
<213> Homo sapiens

<400> 1976  
gtggggcacg cctatatattcc cagctactca ggatgctgag atgggaggat caactggggc 60  
tagggagggtc gaggtgtcag tgagctgtga tcgtgccact aactccagc ttgggcgaca 120  
gagtgaagacc tcatctcaga ataatatgaa ataaaaata atataaaata aaatactata 180  
aggagtcttt taggctgaaa ggacaacaaa ttagatggct agttgaatcc acacagagaa 240  
ataaagagca ttggcaaaagg tcattgcata gataaatata cagtataaaa atatataggg 300  
ttactctttc cttcttttaa ctaaattaaa agatgaatg 339

<210> 1977  
<211> 342  
<212> DNA  
<213> Homo sapiens

<400> 1977  
ggctgatgcc attttcagcc tcagcacgcc tgcacccagg cgctcattaa aacagcatgt 60  
tgctcccccac tgcctcgtgt tgtctgttgg cgcgtgtcgc ggggttcgaac cgatacaaga 120  
acctccacc tacctggtgc tttggcctca tctataagca gcttttccac tgtcctgaaa 180  
caagatagag aatctgagcg gccagtcac tgccttaagt gctgccgccg aagactgaat 240  
gtcctggaaa gtttgctgtc acatctccat tatgacaaaa gcatttgtgc gaacagatga 300  
aaaaatgcat tgtcaacgga atcttttatg tttggttgct tt 342

<210> 1978  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 1978  
cgttgctgtc gaaatggggc tgagtgcagt ggctcatgcc tghtaatccca gcacttaggg 60  
tgccaatgtg gattacctga gccaggagt ttgagaccag cctgggtaac agtgagaccc 120  
ccctccctac aaaagatttt aataattagt tgggcgtagt ggtgcatgcc tghtaatccca 180  
gctactctgg agacagggtg aggggattgc ttgagcctgg gaagctgagg ctgcagtagc 240  
catgactgca ccaactgcatt ccagcctggg tgacagagtg acccttgtct ccaagaaaaa 300  
aaaaagcaaa tgggattaag gactcatgga atgggaaggg gaaaggggag tcttactata 360  
tgtggaataa acttgctcag tgttgccaca gaggttacatt accaat 406

<210> 1979  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 1979  
 ggattttgat agggattata ttgaatctgt agatcaattt gggagaattg ccatcttaat 60  
 gatattaagt cttccaattt atgaacttag gatgtctttc tatttactta ggtcttcttt 120  
 aatttctttt ttttttttta aaaaaaaaaa tccccctctg ttacctccct gggacccccg 180  
 gggctcaagc agcccttccc tttcaccccc ccaagaagtt aggcccccg gggccccccc 240  
 cccctctat ttctgggggg aggaaggcac tcccctattt tcctctcttt agaaatctgg 300  
 gtgcgccatt ctgcgcccc a ttcgcctcc cctcctttcc ttgtctctc aacctct 357

<210> 1980  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 1980  
 gccactggc gggactggac agatcacccg agaaaaactaa caaattctcg acttaaattg 60  
 aagttttgac caaatggacg taatacacac gtacagaata ccctacccaa caaccacaga 120  
 atacacattt tactcatctt tgcattgctt aaaaatgacc acatgctcag tcataaagca 180  
 agtctcaata aattcaaaaa agcagaaatc ataccaagca tctgtttgga ccacagttga 240  
 ataaaattag aaatcaatac caagaataac tctgaaaagc acgtaagtac atggaaatga 300  
 aacagtttgc tcctgaatga cgtttggcta aacaaaatta aggcagaaat acaaattttt 360  
 t 361

<210> 1981  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(341)  
 <223> n = A,T,C or G

<400> 1981  
 cacatccatg aatgtcaagc gtccctaaaa tgaggaccac attgtttaca acactaaaaa 60  
 tgtagaaatt gtactcaatt tagttgataa acatttttga atattaagct attaaaaatg 120  
 gcagatcatt aaaaaacata gaaacttcaa ttccaatctc tagtaaatgt tcacattcaa 180  
 aaatatgtag tattttttaa aattcagatg gggttttact aggttgccca gaaagatctc 240  
 aaactcctgg cttcaaggga agagttaa cctgccccag cctcccaaga agatgggatt 300  
 ataggcatgc accactaacc ctggcctata aatacacttt n 341

<210> 1982  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 1982  
 ctctcaggct gtgtgagcca tttgagaaga tatacagcag aggaataact tcgtatgtca 60

ttctatgaag	ttcacatcac	ccattttacca	gaaccagact	aacaatgttc	ccgaaaaaaaa	120
ttacagatta	atatctctca	tgaccataaa	tgctaaaatc	agaatattgg	gacatcaatc	180
ccacaaattt	ataaagagaa	ttatacgcca	ttaccaagta	aatttttttt	tccaggtttg	240
taagactgg	tcaacattca	aacgttgatt	aatatgattc	atcacatgaa	aaagtataat	300
gagaaaacag	tacaatcata	tccctagatt	cagagagagc	atttgacaca	atccacn	357

<210> 1983

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 1983

ggctgatgcc	attttcagcc	tcagcacgcc	tgcacccagg	cgctcattaa	aacagcatgt	60
tgctccccac	tgctcgtgt	tgctctgttg	cgcgctgtcg	gggttcgaac	cgatacaaga	120
accttccacc	tacctgggtc	tttggcctca	tctataagct	tttccactgt	cctgaaacaa	180
gatagagaat	ctgagcggcc	agtcactctg	cctaagtgtc	gccgccgaag	actgaatgtc	240
ctggaaagtt	tgctgtcaca	tctccattat	gacaaaagca	ttgtgccgaa	cagatgaaaa	300
aatgcattgt	caacggaatc	tttn				324

<210> 1984

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1984

gctctttacc	ctcattggcg	cttctctcct	gcagtccgcc	tctgggccct	gccgcatttc	60
ttgagactta	aagtggcatt	ctaaaggcaa	tttaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaagg	cctacaagac	agcgcaaatg	tggcttttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaagggtggc	gcgcatacata	agtgcatgct	240
cttttcatct	gctttgggtat	catcacactc	tgataatgaa	agtcttgggtg	gatttttctat	300
tgaagatgg						309

<210> 1985

<211> 305

<212> DNA

<213> Homo sapiens

<400> 1985

gctctttacc	ctcattggcg	cttctctcct	gcagtccgcc	tctgggccct	gccgcatttc	60
ttgagactta	aagtggcatt	ctaaaggcaa	tttaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaagg	cctacaagac	agcgcaaatg	tggcttttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaagggtggc	gcgcatacata	agtgcatgct	240
cttttcatct	gctttgggtat	catcacactc	tgataatgaa	agtcttgggtg	gatttttctat	300
tgaag						305

<210> 1986

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1986

actttaagat	ttatatgaaa	aggaaaaagc	attagaataa	tcaggagttt	tgaaaaagaa	60
------------	------------	------------	------------	------------	------------	----



aaatgaagct	gaaagaatta	cactaaccga	ttttgagatt	tgctataaag	atacattaat	120
caagacaata	tggtgtagt	gaaaggatag	acccataaat	caatggaaca	taatagaggg	180
tccagaaata	aatccacaca	aatatggttg	attgattttt	aaaagttgca	agaattctga	240
aaggtgaaag	acagccattg	ctacaaatat	gccataacaa	acaaaaaagc	cattcttgac	300
ttatacaata	ctctatgatg	g				321

<210> 1987

<211> 365

<212> DNA

<213> Homo sapiens

<400> 1987

tcaaaagaaa	gttttaaccc	tgtgatatga	atccacacac	cacagagcag	tttcatggat	60
aactaaccac	tttctagttt	taactgggaa	taccctttt	ttcccttatt	actcaatgaa	120
ctgcagaatg	tccctttgca	tattccaaaa	agagtgtttc	caacctgctg	aaacaaaata	180
atactttaac	tctctgagct	gaatccacat	atcacaaagg	agttttctcag	ataggttctt	240
tctagatttt	gtctgaggat	atttggtttt	tcctcatagg	cctcagaggg	ctcccaaata	300
tctcctcaca	gattctacaa	aaagagtgtt	tcaaacttgc	tggatgaaaa	gaaaaattta	360
actcc						365

<210> 1988

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 1988

cgttgctgtc	ggataaaata	agggttttta	ttcccagcta	tctctctcaa	attttaagag	60
agatgttatg	gactgtgctc	tccccacaac	ccggcccata	agtcgcatgt	tgaagttctt	120
acctctagta	ccttggactg	tgactatatt	tggaaacagg	gcctttaaag	agacagttaa	180
gtgaaaagga	ggccttttagt	atgggcctag	tgtaatctga	ccagccctta	tcagattaat	240
aaagttaaata	acacagaaag	ataccacaga	tgcattagcg	caaaggaaag	accatgtgag	300
cacacgaaga	gaaggcagcc	ataggcaagc	caaagacagt	ggccttagaa	gaaatcaacc	360
ctgccagtac	cttgatcttg	n				381

<210> 1989

<211> 124

<212> DNA

<213> Homo sapiens

<400> 1989

gctaaatcta	tccccatacc	cactcgacct	tactacgcta	caaccttagc	caagccattt	60
actccattaa	atgttttagtc	gatacaattt	ggttcttttg	cgccttacga	tattgtttcc	120
ggtg						124

<210> 1990

<211> 325

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(325)

<223> n = A,T,C or G

<400> 1990

cacgtgtggg	ggcttacgac	tcttaggctc	ccccttcaaa	aggcctttgt	ttgcgaatca	60
tgagatccta	atacttaaac	cgctctcacc	atcatgtgga	aaccatgtct	ttactacaac	120
tactgcattt	attctattgt	tctggctcac	atctgtagat	cccaactgct	ctggaggctg	180
aggcaggaga	attgcttgag	cccatgaagc	ataggttgca	gtgagccgag	atcattccat	240
tgcgctccag	tctggcgaca	gaacaagact	ctgtctcgna	aaaanacatt	ataaannnt	300
tttggcggcc	tttttttcta	aattg				325

<210> 1991

<211> 380

<212> DNA

<213> Homo sapiens

<400> 1991

cgttgtctgtc	ggtgaaccac	cgcgctggc	tgagataggt	tgttttttga	attaactatt	60
cttttttttt	tttttttttt	tccgaaccaa	aatttccttt	gggttcccc	ggctggaggg	120
ccggggggcca	aaaaataagg	cttctgggac	ccttggcccc	ccaggtttag	gggattcccc	180
ggccttaatt	tcccaagcag	gggggattaa	cggttgggac	ccctcccccc	gggggatttt	240
gttttttggg	aaaaaacggg	gtttttcaat	gggggccagg	cgtgttttga	atctcccacc	300
ctggggggac	cacctctct	tgggcctcca	acggcccgcg	gctaccagct	cgccacccca	360
ctcccatgca	ctgcagctcg					380

<210> 1992

<211> 352

<212> DNA

<213> Homo sapiens

<400> 1992

accaaaaagc	atgacatata	gaaaacaaat	aacaaaatgc	agaagtcagt	ccttccttat	60
ctgtaattac	attaaatgta	aatgaattaa	aaggcagaaa	ctggcagaac	agatgaaaga	120
aaaaacaagt	ccaactatgc	acagtctaca	agatactcac	tttggattca	aagatgcata	180
taggttgaaa	ggagaaggat	gaaaaaatat	attccatgca	aaaaacaagg	aacaaaagag	240
tggctatact	aatatcagac	aaaatagact	ttaagacaaa	attgttgggc	caggcacagt	300
ggctcatgcc	tgtaatcctc	agcactttgg	gaggccgagg	caggcagatc	ac	352

<210> 1993

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1993

ggcacgagcc	gagatgaagg	tgaagatgct	gagccggaat	ccggacaatt	atgtccgcga	60
aaccaagttg	gacttacaga	gagttccaag	aaactatgat	cctgctttac	atccttttga	120
gggtcccacga	gaatatataa	gagctttaa	tgtaccaaa	ctggaacgag	tatttgcaaa	180
accattcctt	gcttcgctgg	atggtcaccg	tgatggagtc	aattgcttgg	caaagcatcc	240
agagaagctg	gctactgtcc	tttctggggc	gtgtgatgga	gagggttagaa	tttggaaatct	300
aactcagcgg	aattgtatcc	gtacaataca	agcacatgaa	ggctttgtac	gaggaatatg	360
tactcgcttt	tgtgggaact	cttttttcac	tgttggatgat	gacn		404

<210> 1994

<211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 1994  
 cggtgctgtc gctattattc ctgagaattt gttatattag gattagcaaa aacaaagctg 60  
 attggtaata taactaacat aaattgcttg gtaactttat tttttaaga ttatgggtta 120  
 gcgtgtgtca cattttatgg agttaattct acagtgtaaa gtttgagctt gatttttagca 180  
 tttcagtgac ttgctaataa aataaataat ttaccaccat tgcctatac catttccttt 240  
 gacaacagtg agctactgtt ataattaagg cagtaattac tattgagaaa ttcactgaag 300  
 caggtagaag aagatagatt gacttgttgt tttcctttaa cagaaggatc aaaacccagc 360  
 agagtgcagg cagcagtgaa gcaagatgta tgtggccc 398

<210> 1995  
 <211> 360  
 <212> DNA  
 <213> Homo sapiens

<400> 1995  
 aattcgagcg gctgcttcct tttttttttt ttttttttaa aaagaaatcc accttttgtc 60  
 cccagactat gaaggcaagg gggccaaccc agatgaatgg atccctctgc ccccggggta 120  
 aaagaatttt ttgccctaac cctccaaaga agtgggatta aaggccctcg acacaatgcc 180  
 agggtaattt tttggaattt aaaaaaaaaa ggggggttca atattgtggc taaggcggtt 240  
 ttgaaccccc gaccgggggg accaccccccc ttggcccccc aaaggggtgg gattaacggg 300  
 ttggaccac gggccggggc tttccttggt tttttttaaa aaccaattag gggggtgtgg 360

<210> 1996  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<400> 1996  
 gatggcagtg ccaccatgct ggatcttgcc atggactgtg ggggtcaactt ggtttatgct 60  
 ggacccggtg atgattcttt tttcatgttg gtactttgca tgttggtagt tcgtacaagc 120  
 tt 122

<210> 1997  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 1997  
 agcatgaaga atttgctttc ttctttcttc ctaacatttt catgtgagat ccagaaagga 60  
 cacattggct ctggccattc gaagaaagaa agaaagaaaa aaaaaaaggg tttttaaga 120  
 cagaaagaga aaaaggctga aatgggttcc ctgggttcta aaaatccgca aaccaaacia 180  
 gcccaagttt tttttttggg acttgactca cctggaaagt ctactctcct ttataaatta 240  
 aagcttgcta aggatattac caccatccct acaatagggt tcaatgcgga aatgatccag 300  
 ttggaaagga atctttcact cacagtctgg gatgttgag gacaggaaaa aatgagaact 360  
 gttggggg 368

<210> 1998  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(345)  
 <223> n = A,T,C or G

<400> 1998  
 ccactacact aacaagcttc caatgaggaa acaaagttac cagaggaatc tgaagtctct 60  
 ggtggccaca gcagcaacaa aactcaacaa tgacaaccaa agcaactacc aacatcaaac 120  
 acagcccaat tcctagtcag attaagataa attaccatgt caaagggtta ttacctcag 180  
 tatctattac gctatctaag atgcctgact tttacccttg agatacaaag catgcctaag 240  
 caagaaaaat cacagtctaa ggagacaaag caagaatcag aaccagactt agatatgtaa 300  
 cagttgttgg aactatcaga caggaaattt aaaataacca taatn 345

<210> 1999  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 1999  
 gcaccttgag gaccattcac ttcttggatg caatcaaaga acttttccat ctcaattcct 60  
 tctcccagtg tccacatagt gcccctcaat gtttcattct catggtttaa agcactggct 120  
 tcaggcgggtg aagatcagca aagacactcg ctcaagctggg tatttgtatc aggctgggtt 180  
 cctcagagaa ggagaaacta agccaacagg atatttgtgt gagtgtgtgt gtgtgtgtgt 240  
 gtttgtgtgt gtgtgtaata tatgtcataa acatctattt actattgtat ggtatttatt 300  
 tatgaataat attatatac 319

<210> 2000  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 2000  
 agaggttgag gctgcagtga gctgacatcc ccactgcact ccagcctagg tgacacagca 60  
 agactttgtc ccctgttatt aaaataaata aagattgagg ttggtccgag tacagaggta 120  
 ttgcaactg attgattaca actaggtaca gatttgtttg ttccctctcc actcccactg 180  
 ctttacttga ctagcctaaa aaataataat aataactctc tctatatata tatttttagac 240  
 agagtctccc tctgtcacc aagctggagt tcaatgggca tgatcacgac ttactggagc 300  
 ctcaaccttt ccaggctcag gttatccttc caacctaaact tttctgaaga gg 352

<210> 2001  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 2001  
 gagcaccatc cccccctttt tttttttttt ggaaaaggga ccctcttttt gtcccccagc 60  
 taaaaggggg gggccgggat ttgggttaat ggaaacctcc ccctcttgtt ttaaggggat 120  
 tttcttgctt accctccaa aaaattggga ataacagggg cctgcccccc ccccggggag 180  
 atttttgttt tttaaaaaaa aacgggttca ccgggggggg ccgggtgggt ttaaacctcg 240  
 ggccctaggg ggaccccccc cctcgcctcc cccaaggggt tgtttttacg ggcaggaccc 300  
 cccccccccc 310

<210> 2002  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 2002  
 ggctgactct cttttcggac ttagcccgcc tgcaccagc tgaaataaac agccttgttg 60

ctcacacaaa	gcctatttgg	tggtctcctc	acatggacgt	gcatgacatt	gggtgctgaa	120
acccgggaca	ggaggactcc	ttcgggagac	cagtccccct	ccccgtcct	cgccctcact	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaacatctc	240
atgaatttca	aattggcagc	tgaagactga	tgctgcccga	ttgccttgga	agcccccta	300
gaccatcaca	gatgccgagc	ttcgggt				326

<210> 2003

<211> 387

<212> DNA

<213> Homo sapiens

<400> 2003

cgttgctgtc	ggttttttaa	ggcaacatag	cattctacag	caggggttaat	ctattatcaa	60
gaacagtcac	cctgggttaat	aacaagtttt	actgatcagt	tgctgggttg	ttggttgggt	120
ggcatgtggg	tgtgtgggtg	tatagggtgtg	tgtgggtgtg	tgtgtctatt	ttaccccaca	180
cgtaccttta	tttaatgaag	agggatggta	actatatcat	aagtctcacc	atgacctgtt	240
ataaatttct	gatggaagct	cgcgcagtat	gggcctttga	aataccctgc	tgatgtcata	300
ggcatatctc	tcacatgaga	actggaccaa	agggtctggg	ctgaaactct	gatgttgcca	360
ctgtttgcca	ccttcaattg	gctgccc				387

<210> 2004

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2004

ggaggatagg	catgaaccac	catgacctga	tgaaagaaat	ttttttaaac	caaactgttt	60
tacccaaaat	tttaatccag	agctttcatt	agatgacata	tcagagaaaa	taaagttgag	120
ccatataaac	atgtctcttt	tagccagaaa	tataatttag	attcaatact	cttttataaa	180
ctgagggttt	attactatct	atctcattac	tgaagtccta	aattaaagca	ataagatctt	240
tgtgtgtgta	tatatgtttg	atgtgttgac	acataagtac	atatgttatg	ttgtatgact	300
tgtctatata	gtaaaattttg	gcatagttgg	ccagaaatg			339

<210> 2005

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2005

cacttcgggc	tcccaaagtg	ctgggattac	agggtgtgaac	caccgcaacc	gacttaacct	60
cttttcatta	taaattaccg	agtctcaggt	atcttatctat	agccgtgcat	taacacagtg	120
tctggctctg	tcaccagggg	agaagacagt	gatgagatca	tagctcacca	ctatggcctt	180
gacctcctgc	actcaagtga	ttctcccacc	ttagcctccc	aagacctggg	atgacagggtg	240
cccactgcac	aactgggtaa	attctttttt	ctattttaa	agcaggggtt	tactatgaga	300
cccagcctcg	tctgcaactc	tgggggtcaag	taatcatacc	gcg		343

<210> 2006

<211> 329

<212> DNA

<213> Homo sapiens

<400> 2006

tattcctaga	caaaaacott	actattataa	atatgtcaat	tctaaacaaa	ttgattgata	60
aattaaatat	aatgtcaatc	aaaatcctaa	cagacttttt	tgaaactcaa	caagcggatt	120
ctaaaatgtg	tatggaaagg	cagaaagaca	agaatagcca	aggcactctt	aaaaaagaag	180
aacaggctgg	gcattgggtg	tcacacctgt	aatcctagta	ccttggggagg	ccaaagtggg	240
aagatagctt	gaggccaaga	atcttgagata	agcctaggca	agacagtgag	actctgtttc	300

cacaaaaaatt taaaaaactag ccgggcatg

329

<210> 2007

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2007

aattcacaca	cacccaagca	gacacacact	acaaaatata	catgcacata	tgtaatagaa	60
aaccctgtct	tacatattat	taattccccc	aatttgtgaa	aagacagttt	tttaattgtg	120
aataattcag	agttgttctt	atggacaagt	ccatgaaaaat	tgcttctact	ttttgttaac	180
tttcatcagc	ttttcatttc	tgctcttaat	tttctatggg	cttaaaaaat	acataaataa	240
accacttcaa	attgtttcca	aacaggctgg	gagagggtgg	tcacaccagt	aatcccagta	300
ctttggaagg	ccaagacagg	tggtatcatct	gg			332

<210> 2008

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2008

ccctctgaag	acttggagtt	ctggatgggc	ctgaggggtgg	gggaggcctg	ttagaagatt	60
ttattttttt	cgttttcctt	tttccttttt	gtgcagaacg	gagtcgcact	aagttgcccc	120
ggcgggtctc	caactcctgg	gctcaagtga	ccctcccgcc	tcagcttctt	gaagtgtctag	180
gaagtgaagt	atgatcgtgc	cactccattc	tggcctgggt	gacagagtga	gacccctgtg	240
tctattttta	aaaggaagct	agtggctgag	caccgtggct	tacgcctggg	atcccagcat	300
tttggcgagg	tggggcgaaa	gcatcatttg	aggtttggga	ccattcctgc	cccc	354

<210> 2009

<211> 163

<212> DNA

<213> Homo sapiens

<400> 2009

cccaggaggg	ttggccggac	acagtggtag	tggctcacac	ctgtaatcct	aatgcttttg	60
gagcctgagg	cgggaggacc	ccttgagccc	aagaagtcaa	ggccacaatg	ggctatgatg	120
gtgccactgg	tcttcgggct	gggcagcaaa	acaaaaccct	ggc		163

<210> 2010

<211> 392

<212> DNA

<213> Homo sapiens

<400> 2010

ggcacgaggg	cagtcaggat	ggtttgcctc	agcacctgct	accgggcaga	gacaaaacag	60
ggacaggaac	cccgggggct	gtatcgagta	caccacttca	ccaagggtgga	gatgtttggg	120
gtgacaggcc	ctgggctgga	gcagagctca	cagctgctgg	aggagttcct	gtcccttcag	180
atggagatct	tgacagagct	gggcttgac	ttccgggtcc	tggatatgcc	cacccaagaa	240
ctgggcctcc	ccgcctaccg	caagtttgac	attgaggcct	ggatgccagg	ccgaggccgc	300
tttggagagg	tcaccagtgc	ttccaactgc	acagacttcc	agagccgccg	cctccacatc	360
atgttccaga	ccgaggctgg	ggagctgcag	tt			392

<210> 2011

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2011  
 cggtggctgt cgagcccat tcatgtccac cgaagtctta tcgtactaca ctactccatg 60  
 tcatcgcatc ccaccaggca tgccaacgca ttcatccagg cgaccaccca ggcattgtacc 120  
 cactcaccta tccaccatc cacctaccta tttgtcacc atccacccat ccatccatcc 180  
 aatcacccat ccaaccatca atccaacccat tttcatctga tcattttcga tccatctacc 240  
 cgccaccca ttcactactc catccaccta cctatccatt tatcagccat ttacccatcc 300  
 atccatctat ccatgcagat gtttattgag cacctgtgtg ctgggtccta tttgggagcc 360  
 ttgttaacca ccaagacctt cctaggccat attgtggta 399

<210> 2012

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2012  
 actacgactg cgacatgacg acagacaggg acgctgtag ccacaccctc actcataagc 60  
 agtgccgaaa aggcttcatt cgagacctgt gggatggcat tgctttaatc atagccataa 120  
 tacactgcta taaaactgct ttccacctca cgcgcactcc ttttatgttt cagcttcgcg 180  
 gctaggcaac ttaagtcact tcctgtcttc cgcctcaggc tagagggcga gcgcttcgcc 240  
 gtgggacttc ttctgcctgg ctccgcctct tgccccggaa gtactcacag cgtacggttg 300  
 gtattggggc cgtttctgag cagcgcttcc tttttgtccg acatcttgac gaggctgag 359

<210> 2013

<211> 344

<212> DNA

<213> Homo sapiens

<400> 2013  
 aggctgcagt gagctatgat catggtactc cattctggcc tgggtgacag agtgagaccc 60  
 tgtctgtaat aaagcaaaca acaaaaaacc cttgaacagg aaaagctata ataaaaataa 120  
 tggaagttaa caatgatcaa tgccaggcac ggtggctcag gcctataatc ccagcacttt 180  
 gggaagccaa ggcaggagga tcgcttgggt ccaggagttc cagactagcc tgagcagcac 240  
 agcaaaaatc tctacaaaaa aaaaaaaacc ccagcccggg ttaaggggtt aacccttgaa 300  
 atccaacccat ttggggagggt tgaggcgggg ggaaaaaccgg agga 344

<210> 2014

<211> 341

<212> DNA

<213> Homo sapiens

<400> 2014  
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 atgtaagatt tttggctctc acataagtta aactggcctg actagcaa atgcatgtaagt 120  
 tttttttaata tataataaac tcagggtctc gcttttaatt ctataaagt cattatggaa 180  
 ataaaaatcta tttatttagt agatcaagat aatattctca gttgggcatg gtggcacatc 240  
 tataatctca actactcagg aggcagggtg gaggactgtt ggagcccagg agttcaagac 300  
 cagactaggc aacatagtga ggcctgtct cattaaaaag a 341

<210> 2015

<211> 342

<212> DNA

<213> Homo sapiens

<400> 2015  
 atcattagat tggagagccg ccaaaccact aaactatatg aagctaaagt ctgtttaaga 60  
 aagagcccat ccaggctggg tgtgggtggc catgcctgtg atcccagaac tttggggggc 120  
 caaggtgggt ggatcatgag gtcaggagat cgagaccatc ctggctagca tgggaagcc 180

ccgtctctac	taaaaatacg	aaaaaataat	tggccgggcg	tgggtggcggg	ttcctgtggt	240
cccagctact	caggaggctg	aggcaggaga	atggcatgaa	cccaggaggt	ggagcttgca	300
gtgagccgcg	attgcgccac	tgactccag	cctgggcgac	ag		342

<210> 2016  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 2016						
agcctgggca	acagagtaag	actctgtctc	aaaaaaaaat	aaaaaaaaaa	aaagggaag	60
aaaaacccca	attgataaat	ttaccaaaaa	aggacattaa	ccggatttta	ctttacttat	120
ggccaaaaag	gaaaaaaaaa	acataggctt	taagggaaaa	cttgattgtt	gtaaaaaaaa	180
ttaaaaaaaa	gccaaataaa	acttttaggg	ataaacccgg	ccgggggggg	cccatccctg	240
aagccccacc	tatttgagg	gctaggcgga	aaaattgttt	aaaccaggga	gggggggggt	300
acaaagagcg	gggatcggcc	cattgcactc	caccctggca			340

<210> 2017  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 2017						
ggcagaaatc	aaaagcaccg	accagatagg	aaaaaaacag	acaaattaga	cttcaacaaa	60
actaaacatt	cgtgctcctc	aagaggaact	tttaggccag	gcgcagtggc	tcatgactgt	120
aatcctagca	ctttaggagg	ccggggcggg	tggatcacga	ggtcaggagt	tcaagaccag	180
cctggccaag	atgggtgaaac	cctttctcta	ctaaaaatac	aaaaattagc	cgggcccagc	240
tgggtgcggt	ggctcacacc	tgtaatcctt	gcact			275

<210> 2018  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 2018						
agggtttatc	acatgggtag	actcaagtac	ccatgtgata	aaatgtcaca	gaactatata	60
ccaaaacaaa	tagacaaaaa	gagtgcacgt	atatcctggc	gaaatccaaa	taatatctgc	120
acctgagtta	acagtattat	tgcatcacag	tcacttttct	ggctttggcc	atttactatg	180
gttatataac	attattattg	gaagaagtta	gctaaagagt	atatggggac	tttatactat	240
aatttttgca	actcttgtgt	agtctctaac	tgggtagtgt	gaaatagttc	tgccacctct	300
gacgcaccac	tgtcaa					316

<210> 2019  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 2019						
ttcatgaggg	gctgatctgg	ctttgggggtg	gtattaattg	tttttttttt	cccccttttt	60
tttaaaaggg	gaactggcgg	ggttgccaag	gcgggtctca	aactttgggg	ctaagggggc	120
ctccccatcc	cacctactcg	gggggttgag	ccaggaaaat	ccttcgaccc	cggaaggcaa	180
aggtggcaag	ggcccacaat	ggtcccacgg	ccctccaccc	tgggggacaa	acaaaaattc	240
cctctcacac	aacgagagaa	ggaaaactaa	aggaaatccc	ccggaaaccc	ccgtgaaagg	300
ccggaaagcc	cc					312

<210> 2020  
 <211> 329



<212> DNA  
<213> Homo sapiens

<400> 2020  
gcacgcacac acacacacac acacacacac acacacggta ttgaaactag aattcttttca 60  
atgggtgtatt ccccatactt atttatgtct caaagactga tcttcaaaga agacagagac 120  
ttccagtgtgta agacagttga aaatatttgg ctgtgaccag caacaaaagg caaacaagtg 180  
tcaaaaaggt ctttgctatt gtaaggagat tctcttttac tgatctaaac aaaaggctct 240  
tctcacttct ctatttccca tcctggcgca ttaaccattt atatttaatt aagcccttct 300  
tatatttctc aaacagcagt atttatgct 329

<210> 2021  
<211> 375  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(375)  
<223> n = A,T,C or G

<400> 2021  
gagaattgct tgaacccggg aggcagaggt ggcagtgagc cgagattgcg ccactgcact 60  
ccagcctggg tgacagagca agactccatc tcanaaaaaa aaaaaaaaaa aaaaaaaaaa 120  
accccgcccc cggaaactaa accctgaaac ccaagaattt gggggggccg ggggggggga 180  
ataacaaggc ggggatttaa aaaccaccg gtttaagggg aaaccctatt tttataaaaa 240  
aaaacaaaaa taagtggggg gggggggagg cccctggat ccccaattcc tcggaaggct 300  
ggggcaaaaa aatccttgaa ccccgggggg cgggggtttc agagacccaa aatggccccq 360  
ttgaactcaa gtggg 375

<210> 2022  
<211> 382  
<212> DNA  
<213> Homo sapiens

<400> 2022  
cggttgcgtc ggtgaaccac cgcgcctggg tgagataggt tgttttttga attactatt 60  
cttttttttt tttttttttt tttggaaaaa aattttcttt tttttcccc acctgggggg 120  
caggggggca aagataaaag ttaattggaa cttttgcctc ccaggttaa gggattcccc 180  
ggctttaatt tcccaaggcg gggggattaa ggggagggc ccttaccccc ggggtgtttt 240  
tttttttggg gaaaaacggg gtttttcctt tggggcaagg gtggttttgg gttccccacc 300  
cgggggggaat aacctttttt ggccccccaa agggggggga atataggggg gggccctggg 360  
ccccaacctt ttttttaaaa tt 382

<210> 2023  
<211> 349  
<212> DNA  
<213> Homo sapiens

<400> 2023  
gcgcgcaggc tgcgcagtcg cgccggcgac cacacctaaa tagccgcagc ctctgcgcgt 60  
cgccctccac ggttaccocg gctctccgcc cctccttctc gcggggctcg agggaccatg 120  
gccgatccct gcgtgagaca gatcaagatc aagaccggcg tgggtgaagcg gccggacaaa 180  
gaatatttgc tgatgatttt ctaggcatac atgttgtgga atccattgta aaatggacct 240  
tgggtgccgg tgagtatagg aataaacccg gctgaaaaaa tacgtggctt aaaacatgtc 300  
tgttttagtt agacgggtcg aatttcaata agctctttct ggggtctcc 349

<210> 2024  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

<400> 2024									
actacttgct	atgtatgttc	ccctagctgc	atttgaaccc	ctggggttcaa	gtgatcctcc				60
cacttcagcc	tccccggtag	ctgggactat	aggtgcatgg	caccgggcct	ggctgttcac				120
tcctcctttc	ataagcaaag	gcacagtttc	ttttcttgta	agagatgggc	taggttgtgt				180
agattgagct	ttctaataaa	aacaactaaa	agtgttgaat	aaaaatgtct	taaaaacatc				240
gaaaagttaa	cacggtagaa	atgaaattgg	gaactcagat	aagctgaacg	tggaaactgc				300
ttttgccttg	cgaacatttg	ctcaactaag	tgaacttgaa	ctttggttt					349

<210> 2025  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(352)  
 <223> n = A,T,C or G

<400> 2025									
actacttgct	atgtatgttc	ccctagctgc	atttgaaccc	ctggggttcaa	gtgatcctcc				60
cacttcagcc	tccccggtag	ctgggactat	aggtgcatgg	caccgggcct	ggctgttcac				120
tcctcctttc	ataagcaaag	gcacagtttc	ttttcttgta	agagatgggc	taggttgtgt				180
agattgagct	ttctaataaa	aacaactaaa	agtgttgaat	aaaaatgtct	tataaacatc				240
gaaaagttaa	cacggtagaa	atgaaattgg	gaactcagat	aagctgaacg	tggaaactgc				300
ttttgccttg	cgaacatttg	ctcaactaag	tgaacttgaa	ctttgggttt	gn				352

<210> 2026  
 <211> 346  
 <212> DNA  
 <213> Homo sapiens

<400> 2026									
ggcactggag	gaagataact	caaaataaga	ggcagctatg	acaatcccac	agcaaacatc				60
atactgaatg	ggttaaagct	ggaagcattc	ctcctaagga	ctgaaagaag	acaagaatgt				120
tcactcacac	catgcttatt	caacatagca	ctggaagtct	tagccagaac	aattagtcaa				180
agaaagaaat	agacatccaa	attggaaaaa	aggaagtcaa	attatctctc	ttcactgacg				240
atatgattct	atacctagaa	atactaaaga	ttctgccaaa	tctcaggata	caaggattag				300
cttacaaaag	ttaatagcat	ttccatacac	caataactaa	gctgag					346

<210> 2027  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(347)  
 <223> n = A,T,C or G

<400> 2027									
gctcttcaag	taaatactac	tgatttgtca	ccaaaggagg	tcaactccaa	ggaaagcttt				60
gcatttaaac	cagaaaatat	ctcagaagaa	aatgcaaccc	acatatttat	tgccattaaa				120

agtatagata	aaagcaattt	gacatcaaaa	gtatccaaca	ttgcacaagt	aactttgttt	180
atccctcaag	caaatcctga	tgacattgat	cctacaccta	ctcctactcc	tactcctact	240
cctgataaaa	gtcataattc	tggagttaat	atttctacgc	tggtattgtc	tgtgattggg	300
tctgttgga	ttgttaactt	tattttaagt	accaccattt	gaacctn		347

<210> 2028

<211> 389

<212> DNA

<213> Homo sapiens

<400> 2028

cgttgctgtc	ggtcggagag	ccagcggact	ctgacaagcg	tcattgccagt	gacttcgccc	60
tgtggaaggc	ggacaaaccc	caggaggtgt	tctgggcctc	tccctgggga	cccgggagggc	120
cgggctggca	catctagtgc	tctgccatcg	ctagtatggt	atttggaagt	caactggata	180
tccattcaag	tgggatagat	ttagcttttc	cacatcatga	gaacgaaatt	gcacagtgcg	240
aagtctttca	tcagcgcgag	cagtggggaa	attattttct	gcattctggg	catttgcacg	300
ccaaaggcaa	agaacaaaaa	atgtgccaat	cattaaagaa	ctacgttact	attaaggact	360
ttctgaagac	cttttcccc	gatgtctta				389

<210> 2029

<211> 189

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (189)

<223> n = A,T,C or G

<400> 2029

gaccactac	ctaaaaaatc	ccaaacatat	aactgaactc	ctcacaccca	attggaccag	60
gnnggaagnn	aaaagaaaaa	ggaaaagggg	gcggtttttt	tcggaaaccc	caacttggaa	120
aaaacctttg	gggggggtggg	cacaccccca	ttttaagggg	ggggaaaaaa	tttttttttt	180
tgggaattg						189

<210> 2030

<211> 215

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (215)

<223> n = A,T,C or G

<400> 2030

tacggttgct	agaggacgac	ggatgggctg	atgccaat	ttctgggaga	gccacttta	60
aaacccccta	taccagagga	gctacctaag	aacaggtttc	nagagcacac	cccgtctatg	120
tactcacaat	agcggggaga	atttataggt	tgaggctgac	aaaccttccc	agcctggggg	180
atttctgggt	ttgccaaaat	agaactctta	gttcn			215

<210> 2031

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(390)  
 <223> n = A,T,C or G

<400> 2031  
 cggttttataa aagccttggg ttccaaccag gcagtagatg tgcttctgaa ccgcaaggag 60  
 caaacactga aataaaatag tttatTTTTT acactcaaaa aaaaaaaaaa aaaacctccg 120  
 ggggccggtt tttccgtaaa cccaaacttg aaaaaaccc tggaggagtt gggccaaccc 180  
 ccacctaaag ggccggggaaa aaagggtttt tttggggaaa ttggggaggc tttggtttta 240  
 ttggaacca ttataggcgg caaaaaacag gtaaccacca ccaatggctt tctttttatg 300  
 ttccgggttc gggggggggg ggggggggtg tannccccc ccccccncce ccccccncce 360  
 ccccnccncc cnccaccccn ccccccccn 390

<210> 2032  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 2032  
 cgttgctgtc gcacggtttt gttttgttgc ccaggctgga gtgcaggggt gcaatcgaag 60  
 ctcaactgcag cctcgaccac ctgggctcgg gtgatcctcc tgccctagcc tcccagtatc 120  
 tgtggccaca agcacacccc accatgcccc tttaatTTTT taagggattt cttgtacata 180  
 tgggggtctca ctatgctgcc cacgctggac ttgaactcct ggccaccaag gggagctcct 240  
 atctcggact ccggagggggc tatgattacc cgtagataga catttacttt aggaagaggc 300  
 tcttaaaggc aataaaacgc ttcccatcca agagaatcac gctgcaatcc tgggcccacag 360  
 agcttttttaa aaaatcgatg cctgaccttc aacg 394

<210> 2033  
 <211> 404  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G

<400> 2033  
 tacggctgct acaatatcac agaagggtcg gtcttgaact gctgggctga agggatcagc 60  
 tggctcttgg ctcccaaaag gctgggggtta caggcatgag ccatggtagc ccgccaagtg 120  
 aactattaat acacacaacc tggatacatc tcaagagaat tatgctgagt gaaaaaacag 180  
 acaacacaca tacggccacc taatttatga ctaagggata ctgcagccaa ctaaagggaag 240  
 ttatcttcaa taaatggtgc tgtgtcaact gaatatcat atagaagtat ataaatcttg 300  
 atttctactt cgtataaaca aaaaagatct aatttcta atagacctc ataaacttaa 360  
 ggaagaaaca ataaaactta tgggaagaaaa catcacgagaa tatn 404

<210> 2034  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(353)  
 <223> n = A,T,C or G

<400> 2034

ctggatgtca	gcaagaatgg	aatacaggag	tttccagaaa	atataaaaaa	ttgtaaagtt	60
ttgacaattg	tggaggccag	tgtaaaccct	atttccaagt	aagttctcag	gctccctgat	120
ggattttctc	agctgttaaa	cctaaccag	ttgtatctga	atgatgcttt	tcttgagttc	180
ttgccagcaa	atTTTggcag	attaactaaa	ctccaaatat	tagagcttag	agaaaaccag	240
ttaaaaatgt	tgcctaagta	agtaaagggtg	ctattcttta	aaaaacttaa	tttataattt	300
ttaatgatta	agtctttana	aatgtaaatt	tttattacct	anaatgtggt	gcg	353

<210> 2035

<211> 367

<212> DNA

<213> Homo sapiens

<400> 2035

gtgcgctccgt	cgattgagat	ttgacgacag	acaggggtccc	gtgtgttgct	gccacagcta	60
cagttcagtg	acaagaaagc	tatatctgta	atggctgtga	tgcgattgct	ttatttggtg	120
cctgtattct	ctgcactttg	cgaaccgacg	ccgacagttg	cattgatttc	atgatttagg	180
taccgacca	gggtgtgcga	gttcaggact	ctgtctctcc	acccctcata	taaaagaaaa	240
aaggaaaggc	atgactctga	gggtaattct	aggaaggcat	gtgggggtggg	aaaaggagcc	300
agcgggtgtga	ttaaagaatg	acatggtact	agaggggatgc	agatctagat	aatattgaaa	360
ggccagg						367

<210> 2036

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2036

tacggtttgcg	agaatacgac	agaagggctg	gatgtcagca	agaatggaat	acaggagttt	60
ccagaaaata	taaaaaattg	taaagttttg	acaattgtgg	aggccagtgt	aaaccctatt	120
tccaagtaag	ttctcaggct	ccctgatgga	ttttctcagc	tgttaaacct	aaccagttg	180
tatctgaatg	atgcttttct	tgagttcttg	ccagcaaatt	ttggcagatt	aactaaactc	240
caaatattag	agcttagaga	aaaccagtta	aaaatgttgc	ctaagtaagt	aaaggtgcta	300
ttctttaaaa	aacttaattt	ataattttta	atgattaagt	ctttaaaaat	gtaaattttt	360
attacctana	atgtggtgca	an				382

<210> 2037

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2037

cgttgtgtgc	gggaatgcc	ttggcagcct	gccaaggaa	gctgccaggc	agaactatgt	60
ggatttggtg	tccagtttga	gtccttcatt	ggaatcctct	agtcagggtg	agcctggaac	120
agacaggaaa	tcaactgggt	ttgaaactct	gggtggtgacc	tccgaagatg	gcatacacia	180
gatcatgttc	aaccggccca	aaaagaaaaa	tgccataaac	actgagatgt	atcatgaaat	240
tatgcgtgca	cttaaagctg	ccagcaagga	tgactcaatc	atcactgttt	taacaggaaa	300
tggtgactat	tacagtagtg	ggaatgatct	gactaacttc	actgatattc	ccccgtgtg	360
agtagaggag	aaagctaaaa	ataatg				386

<210> 2038

<211> 323

<212> DNA

<213> Homo sapiens

<400> 2038

aggtaactga	atccaacaac	atatcaaaaa	gataatccat	catgtgatca	agtgggtttc	60
ataccaggga	tgcagggatg	gtttaacata	cacaaatcaa	taaatgtgac	acaccacata	120
aacagaatta	aaaacaaaaa	tcacatgatc	atctcaacag	atgcagaaaa	agcattcaac	180
aatccagca	tccctctatg	attaaaactc	tcagcaaaat	tggcatataa	gggacatacc	240
tcaatgtaat	aaaagccaac	agccaacata	atactgaata	gggaaaagtt	gaaaacattc	300
cctcttagaa	cttgaacaag	aca				323

<210> 2039

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2039

gtatacctgg	actttataga	aagtattaaa	cttgtatcta	ttactttata	aagcagggca	60
ctgaatatat	tgagagagaa	taccagctag	aaactttaag	aatataacat	ctttttggaa	120
acaacaatgt	ttattttaaac	aattattttac	catgaccaag	tggtatttat	cccaggaatg	180
caaggggtgg	tcaacacaag	aaaatcaatt	gatgaaatat	atcacattaa	tgggaagaaa	240
aacatatata	tcacttcaac	tgatgcaaaa	aatatatttg	acaaaattca	gcactctatc	300
agaaaaacct	ttagaaaan					319

<210> 2040

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2040

cgttgctgtc	ggcttcctaa	ccatcgagat	taccagcaat	gtgcagtacc	tgaaaagcag	60
gatattatga	agaaactgaa	ggagattgca	ttcccaagga	cagatgaatt	gaaaaacgac	120
cttttaaaga	aatataacgt	agaataccaa	gaatatttgc	aaagcaaaaa	caaatataaa	180
gctgaaattc	tcaaaaaaatt	ggagcatcag	agattgatag	aggcagaaaag	gaagcggatt	240
gctcagatgc	gccagcagca	gctagaatcg	gagcagtttc	tgtttttcga	agatcaactc	300
aagaagcaag	agttagcccg	aggtcaaatg	cgaagtcagc	aaacctcagg	gctgtcagag	360
cagattgatg	ggagcgcttt	gtcctg				386

<210> 2041

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2041

attctccgta	ttcaccttct	gtctctccag	tttgggggca	gctgtttgac	ctgtgactta	60
acttctctta	cagatctaag	aaaagttggt	gatttttcag	tttgtttagc	tttttacttg	120
ctcttaagat	tgagtgcag	attttttttt	gcattttttt	attgcgataa	aatgtattaa	180
tacaaaacat	ttatcattta	cgtgtacagt	tctgtggcat	tagatacatt	cacactgtgc	240
aattaggact	cttaaaaagga	aaaagtcaca	tactgttaga	agggtcatat	aaggctttat	300
agaaaggatt	tttaagatga	gcttctatat	atcaattagg	agaacatttc	agtagaact	359

<210> 2042

<211> 354

<212> DNA  
<213> Homo sapiens

<400> 2042  
atacaaaaaa ttagccaggg gtggtggtgc acacctggag tcccagctac tcaggaagct 60  
gaggtgggag gatcacctga gcctggggag gtcaagactg cattgagcca tgatcctgcc 120  
actgcactcc agcctgggtg acagagcaag actccatctc aaaaaaaaaa aagcaggtaa 180  
aaaaaaattt tttttgtata aagccaaaaa tatataaaag ggcaaaaata ggcggggggg 240  
gggggctacc cctgaaaccc caccattttg gaaggccagg gggggcaaat cacgaggccg 300  
ggaaattgaa accatcctgg ttaacagggg gaaaccccg ctttactaaa aaaa 354

<210> 2043  
<211> 402  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(402)  
<223> n = A,T,C or G

<400> 2043  
ggcacgagag gggctggatg cctttcatcc caactattct ctgtggtatg aaaaagaaaa 60  
aaaaaaaaaa aaagggatcc gggcccggcc gggggggttc acccctgtat tcccaccttt 120  
ttggaaaacc aagtcgggca ttcttttgaa gtcgggagtt aaaaaccacc cggcccaact 180  
gggggaaaagc ttgtttttt taaaaaaaca aaattttacc ggccgggggg ggggccccct 240  
gtattcccag gtttttgggg ggactgaaac agaaaaatcc tttcaccccg gggggggggg 300  
gttgcataaa ttcaaaaggg cccccttggg ctccaccctg ggggacaaag cgaaactcct 360  
tttaaaaaaa aaaagggatc ggccaaaaaa cccccggggg tn 402

<210> 2044  
<211> 331  
<212> DNA  
<213> Homo sapiens

<400> 2044  
tgctggccac accagcccc tttcacctcc agtgccacaa taaacctgta ccagctgtg 60  
tcttgtgtgc ctttcccctg tgcacccgga ggggcagaat ttgaggcacg tggcagggg 120  
gagagtaaga tgggttttct gggctggcca tctgggtggt cctcgatgag cagacatggc 180  
gggctcatgg ttagtgaggg aggtacaggc gagaccccat gtgccaggcc cgggtgccac 240  
agacatgagg ggagccactg gtctggcctg gcttggagggt tagagaaggg tagttaggaa 300  
gggtagttag catggtggct catgcctgtg g 331

<210> 2045  
<211> 313  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(313)  
<223> n = A,T,C or G

<400> 2045  
ttgtttgcag aataaaacttc agtggttatac tcggcttaat catttgcac aagtgtacca 60  
agaataatta ttttcacata ggcttttaaa attggctctg atggaattct attccatacg 120  
gaatctcaga taagactgtt tttttttgag ttggagtttt gctcttggtta cccaggcttg 180

agtgcagnnn	cnnnnnnnn	ntttantnnn	nnctnnncc	tnttnactca	attgatcctc	240
ccacctcatc	ctccccaata	actttttacan	cctttccata	ccaccactcc	tttttaattt	300
aaaaaaaaat	ttt					313

<210> 2046

<211> 324

<212> DNA

<213> Homo sapiens

<400> 2046

aggctggtgt	gcaactggtgc	gatctcggat	cactgtaacc	tctgcctcca	gggttcaagc	60
aattctctgc	ctcagcctcc	cgaggagctg	ggattatagg	cgcccaccac	catgccccgc	120
taactttttg	tatttttagt	atagatgggg	cgtcaccatc	ttgtccaggc	cggtatagaa	180
cttctgtcct	cctggggacc	caaaatgggc	tcctaaaaaa	ggagggttgg	gacctgatgt	240
ccagggtctt	ttgaaggtgt	gggactgccg	cgccccccct	ccaccggggc	cagtattttt	300
gtttaaaaat	ataaacggtg	cgcc				324

<210> 2047

<211> 398

<212> DNA

<213> Homo sapiens

<400> 2047

ggcggggatgg	aggcgggcggc	cgagccttta	tattttgtcc	ggcgtcaggc	acatcatcct	60
ggtcctgtca	ggaaaggggg	gcgttgggaa	aagcaccatc	tccacggagc	tggccctggc	120
actgcgccat	gcaggcaaga	agggtgggaat	cctggatgtg	gacctgtgtg	gccccagtat	180
cccccgcatg	ctcgggggcgc	agggcagggc	tgtgcaccag	tgcgaccgcg	gctgggcacc	240
cgtcttctctg	gaccggggagc	agagcatctc	gctcatgtct	gtgggcttcc	tgttgaggaa	300
gccggacgag	gccgtgggtgt	ggagaggccc	caagaaaaac	gcgctgataa	agcaggttgt	360
gtccgacgtg	gcctggggggg	agctggacta	cctgggtgg			398

<210> 2048

<211> 360

<212> DNA

<213> Homo sapiens

<400> 2048

actatcgatt	gcgagacgac	gacagacggg	gatcagtcctg	ttcctaccac	acttctgggg	60
ccataacgaa	atggctgcat	gagtgaagac	tgtgatgcta	tcgctctata	ccaaaccatt	120
atgatctgca	ataatctgg	tagcaaccac	agttgcgttc	attttgtgtt	ttatggtact	180
aggggtggcg	tggaaagatc	acgataacat	ccagaattgg	catctcttct	ttacgttttag	240
atgaactaga	ggagcgcgag	catacacatt	caaaagctag	cagaaggcaa	gaaataacta	300
aaatcagagc	agaactgaag	gaaatagaga	cacaaaaaac	ccttcaaaaa	attaatgaat	360

<210> 2049

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2049

ccaaagtgt	gggattacag	gtgtgagcaa	ccacaccccc	gcctcatgct	ataacttttt	60
tttttttttt	taaaaaaagc	ctcactttgt	acccaaggct	gaagggggta	ggggaataaa	120
gggggttaat	tgaaaccttt	gcctccgggg	ttaaaggaat	tttccggcct	aacctcctg	180
agaagctgga	actacagggg	cctgccacca	accggggtta	atttttttgt	ttttaagaa	240
aaaacggggg	ttaaccacgt	gtggaaggcg	ggtttcaaac	aactgacctc	aggggatcca	300
cccacctggg	cct					313



<210> 2050

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2050

actgtggatc	tgtccccagg	tttggctggg	ggtttggttt	ttagtagaga	tgaggtctca	60
ctatgttctc	aaactcctgg	gctcaagtga	tcctcccacc	ttggccccct	aaagtgctag	120
gattataggt	gtgagccact	gcatttgggc	gccgtgaaaa	gctttgagaa	ggctaacgga	180
aaagcaaggg	agagccctgg	gcacacagcc	ccctcgagga	ggcaggtagg	gccccacctc	240
acggtgtggg	tcacagagct	ttactccctg	catttccagc	catgaggggt	tgggggcat	300
ccacccatca	gatactgggt	aggaagggtga	tcacggctca	gtgcaaggga	ct	352

<210> 2051

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2051

actgtggatc	tgtccccagg	tttggctggg	ggtttggttt	ttagtagaga	tgaggtctca	60
ctatgttctc	aaactcctgg	gctcaagtga	tcctcccacc	ttggccccct	aaagtgctag	120
gattataggt	gtgagccact	gcatttgggc	gccgtgaaaa	gctttgagaa	ggctaacgga	180
aaagcaaggg	agagccctgg	gcacacagcc	ccctcgagga	ggcaggtagg	gccccacctc	240
acggtgtggg	tcacagagct	ttactccctg	catttccagc	catgtgggtt	tgggggcat	300
ccacccatca	gatactgggt	aggaagggtga	tcagggtca	gtgcaaggga	ag	352

<210> 2052

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 2052

ctcatcatgg	taaagacttt	atatgaaaaa	ttcacagcta	acatcacatt	caattatgaa	60
atgatgaaag	catttcccct	aagattaata	acagggcaag	ggtgtctact	atcctcactt	120
atatttaaca	taatattgaa	agttctagcc	agagaaattg	ggcaaaaaaa	aaaaaaaaaa	180
aaaattgggg	gggggttttt	tcggaaaaatc	cagcctggaa	aaaatccttg	gggggtgtgg	240
gccccccccc	cttaggaggg	ggggaaaaaa	gggtg			275

<210> 2053

<211> 384

<212> DNA

<213> Homo sapiens

<400> 2053

gaagacttac	ttaccctaag	tatatatgca	cccaacattg	gagctcccag	gtttataaaa	60
caattacttc	taaaccagg	aagagactta	gtcacacaac	aacagtggag	aacttcaata	120
ccccactgac	agcattagac	agatcatcaa	gttataaaac	taacaaagaa	attctggact	180
taaaaattga	acacttaacc	aataggacct	tataaatata	taaagaatat	tccacccaac	240
aaccacagaa	tataaattat	tcttatctgc	acatgaaacg	tactctaaga	tcaaccacat	300
attcattcat	aaaaaagcct	caataaattc	aaaaaaattg	aaattttaac	aagcatattc	360
tccaaccaca	ggggaattaa	aata				384

<210> 2054  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 2054							
tgtgtggtgg	cggcaccgct	cacaaacacc	cccactccgg	ccgcccgcaca	gtctgaacag		60
ctcagagttg	aaccggcagc	gtcggggcatg	ctggttgcatg	gagcaggcta	ggagcaaaat		120
gggggtggggg	cgcacacagg	ccgagtgtgc	tgctccccag	tcctcagctt	tcttcccatg		180
gccctgccct	catgaaagga	agccgtgagt	gtccaaggta	gaagagaatg	cctgggtccc		240
aggacacctc	tattattatc	tttttttttg	agacggagac	tcactctgtc	accagggtg		300
gagccgaata	tttttttgcc	aattctgtta	cg				332

<210> 2055  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(387)  
 <223> n = A,T,C or G

<400> 2055							
cggttctgtc	ggtctgatgt	tggcctaggg	aagggacggt	actacagtgt	aaatgtgccc		60
attcaggtatg	gcatacaaga	tgaaaaatat	taccagatct	gtgaaagtgt	actaaaggaa		120
gtataccaag	cctttaatcc	caaagcagtg	gtcttacagc	tgggagctga	cacaatagct		180
ggggatccca	tgtgtctcct	taacatgact	ccagtgggaa	ttggcaagtg	tcttaagtac		240
atccttcaat	ggcagttggc	aacactcatt	ttgggaggag	gaggctataa	ccttgccaac		300
acggctcgat	gctggacata	cttgaccggg	gtcatcctag	ggaaaacact	atcctctgag		360
atcccagatc	atgagttttt	cacagcn					387

<210> 2056  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 2056							
tgggacaaca	ggggctcacc	accacaccca	gctagttttt	tctgtagtgt	tattagagaa		60
gtggtttttt	cgtgtaggcc	aggggggtct	caaacttctg	gtctcagggt	atccacccat		120
ctcagccttc	caaagtactt	ggattacagg	agtggccacc	acgcccaccc	tacacatagc		180
tctttttttt	tttttttttc	aagaaaaaaa	tttttttttg	tccccagggt	gcaggaagat		240
ggtttttttg	ggtacaccag	aatctttttt	tccagggttt	aagccagtat	ggaggccgat		300
atctttgggt	gcgcggggta	tacacacgaa	ctgtccaaac	ccggtgtgat	tgttgggtct		360
acaaaagatg	ctggagcata	t					381

<210> 2057  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 2057							
cggttctgtc	gacggttttt	ctgccttagt	ctccctagac	gctgagactg	ccggcatgtg		60
ccaccacgtc	cagctaatac	tttgcgcttc	tagaagacat	ggggttactc	cctgtatttg		120
aggctgggtc	gagagtcctt	gacctatttg	gaccagtcca	cctctgcctc	ccaaagggtc		180
cggaaacaag	cgctgatact	tctatgcctg	accgacaacc	ttatgtctta	gcctgagttc		240
ctcagcctta	atgtgagatc	ctcaaaactgt	tgacatacta	attaatatgt	atctactgag		300

actgagaaag	acactaattt	ctttctaaat	catgaagatt	tactgattat	cttatatgta	360
aaacatttta	gcctatatgt	tggaaatctgg	agccaatga			399

<210> 2058  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 2058						
tggaaccagc	aaagcatgaa	aggtttaaga	cacttcatca	gttgggtttt	cttgccctga	60
aaaagggggg	atagaaaatg	atttggttaag	cactccctct	ttcacttcct	ttggaagggg	120
ttgggcacaaa	taagtattat	ttctctctca	tatacgtaga	attagttttt	ttgggttttt	180
gtttgtttgt	ttttgagaca	gagtttttga	gactctgtca	cccaggtggg	agtgcaaggt	240
cgcgatcttt	gctcactggg	ttctctgcct	cccaggtaca	agcgattttt	ctgtcttata	300
cccctgagta	tctatgaatg	atatttgtct	gccct			335

<210> 2059  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(336)  
 <223> n = A,T,C or G

<400> 2059						
ggattcctta	aaccttgagc	cttggagggt	gaggctgaag	tgagccaaga	tcacaccact	60
gcattccatc	ctatgtgaca	gagtggagaca	ctgtctccaa	aaataaaaata	aagattttaat	120
caaaataaaa	tatggtacat	aaaaatcaag	gaagaccatg	tggccatata	aaaacacaaa	180
gccaggcact	gtggctcatg	cctataatcc	caacactttg	ggaggctgac	gcagatggat	240
tacttgagat	caggagttca	agaccagcct	ggccaatata	ctaaaacccc	gtgtctacta	300
aaaatacaaa	aatcagctg	ggcgtcgtgg	caagtn			336

<210> 2060  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(172)  
 <223> n = A,T,C or G

<400> 2060						
cgttgctgtc	gggcttggt	tcagtgaacg	caccgtgatg	tgagggccgg	gaggtatagg	60
caggctgatg	ggggagggtg	gggagggttt	tcnacacctn	gcaccaaag	ctttatctac	120
tgaagctgcg	atgctctagc	tatattcaac	accattatcc	gttacattat	at	172

<210> 2061  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 2061						
gggcaatctt	ttcggattct	cttccatgct	gtggcagggtg	agcctcatcc	aatttgtgaa	60
agcctgaata	gaacaaaagt	ctgaccctcc	gctgagtaag	agagaattct	tcctgcctga	120

atgccttcac	actgagatat	ggggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttctctg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccaaca	ca				322

<210> 2062  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 2062						
gcttttgcac	tgaaactgtc	agccccagaa	tgttgacagc	cgctctccta	gcccttctct	60
gtgcctcagc	ctctggcaat	gccattcagg	ccaggtcttc	ctctatatag	ggagagtatg	120
gaagaggnac	ntaanctctt	gggagctcta	tggccctgcc	cattggctga	caaaccacac	180
tatgtatcca	ggtgacctta	aggcaagctt	gtatcagctg	atgatctctt	aaaagtgtta	240
ccttctgggt	ggaggataac	caacaactag	cacaaccagc	atttcgagaa	aacct	295

<210> 2063  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(317)  
 <223> n = A,T,C or G

<400> 2063						
gggcaatctt	ttcggattct	cttccatgct	gtggcagggtg	agcctcatcc	aattttgtgaa	60
agcctgaata	gaacaaaagt	ctgaccctcc	gctgagtaag	agagaattct	tcctgcctga	120
atgccttcac	actgagatat	ggggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttctctg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccn					317

<210> 2064  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 2064						
actcagcgtg	gtgtcacgtg	cctggaatcc	caactactcc	ggaggggtgag	gcacaagact	60
cgcttaaacc	tgggaggcag	aggttgcgtg	agccgagaac	atgccactgc	actccagcct	120
gggcaagaga	gtgagactct	gtctcaaaaa	aaaagtttat	atttatatac	acacatatat	180
ttatatactc	acacacacac	gtgcacacac	ttaaaaatgc	caagaaaaaa	attgtaccaa	240
acaatcatga	tctgaatcat	gaagcaaatt	aaaatgtggc	atgattttga	acaagtgatg	300
gagaatacaa	aaagatttga	ttgtgtaaaa	gggttatgat	ttgagattgg	ggaggaaaaa	360
aaacataatc	cctg					374

<210> 2065  
 <211> 324  
 <212> DNA

<213> Homo sapiens

<400> 2065

aatcccaaca	ctgggagcagct	gaggtgggtg	gatcacttga	gcccaagaagg	tcgagagacc	60
agcctaggca	acatgggtgaa	accccgctctc	tactaaaaat	tcaacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtgggtccca	gctactcttg	ggggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtgggtgacc	acaccacttc	actccagccg	240
gggtgacaaa	acaagaaaac	ctgtcacctt	tctgggggac	cctgggtttcc	ctggggtaat	300
tcaaaaaatc	ttcccaaaag	ggag				324

<210> 2066

<211> 394

<212> DNA

<213> Homo sapiens

<400> 2066

cgttgtctgc	ggaaaacaag	gggttagatg	ttgcatttca	taaaactaac	cgaagttctg	60
tctactgatg	cagcacaaga	gatgtaaaaa	aaaaaaaaaa	aaaaccccc	ccccggggga	120
aaaacccttt	taaggtttgg	tttggttttt	tttttggggg	tgggtttttg	gtttttttac	180
cccaggggaaa	aacctggaaa	agggggcaaaa	cccttttccg	ggtttttttt	ttaagggccc	240
ttttctaaaa	aataggggtca	accgggaatg	gaaaaagggg	gggggggggg	gaaaaaaaaa	300
aaaccttggg	ggttaggggt	ttaaaaaaaa	tttaggcca	ttggttaaaa	aaaccgcaac	360
tttaaaaaaa	aaaaaatccc	ccccccaacc	aacc			394

<210> 2067

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2067

tgctaaaaagt	acattgaaga	tagattgccc	catccaacct	cctacatcaa	gggtaaacaa	60
actcttttctg	tacggggccag	atggtaagta	tttggggcct	tgtggggccat	atagtttctg	120
ttagatctac	tcagtgtctgc	cattgtagtg	caaaagcagc	cacagacaat	atgtaaacaa	180
ttgaatgtgg	ctgttttcca	ataaagtgtt	atttacacaa	ccagatttta	ccggtggggt	240
atagtttggg	gaatcatgtc	ctagatcatc	attaggaagt	ggcatgggtg		289

<210> 2068

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2068

gtgggttttg	tcattacttt	caacgggaaa	attgcaatta	cttttgtacc	aacttatcat	60
atgaaaaaca	tatttttaat	atcttaaaaa	cttgagcctg	ccatacaaaa	ttgtgtgtgt	120
gtgttgtgtg	tgtgtgtgtg	tgtgcgtgag	tgtgacttaa	gatcatgatt	ttattaccac	180
actgggcatc	attgttaagc	cccatcttca	ctaacagtac	acaattagcc	ccgtgtagag	240
gtggctgcca	gaaatcccat	cctactaagg	aggttgagtg	aagagaatca	cttgaacctg	300
ggatgcaaat	gaaacagtga	gtctagatcg	tgcgactgg			339

<210> 2069

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2069

tatttgtata	atcgctgata	acttttccttg	ctttcaagtc	tgccccaact	gaaatgaata	60
caggtactcc	tgcttttctt	tgattagggg	tagcatggta	catctttcct	cacccattta	120

tttttcatct	atatggggtt	ttatatattaa	aatgagttcc	atctcttcat	gataaaaaact	180
gacaacaaac	taggcatcaa	agaaatatat	ctgaaaataa	taagagccat	ctatgacaaa	240
cccacagcca	aaccacatc	atactgaaca	ggcaaaagct	ggaaccattc	tccttgagaa	300
ctggaacaag	acaaggatgt	gtattc				326

<210> 2070  
 <211> 132  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(132)  
 <223> n = A,T,C or G

<400> 2070						
cgacagaagg	gtaaatggga	ttacttttat	ttctttttca	gattgtccac	ctttggtata	60
tataaatgcc	actgattttt	gtatgtcaat	tttgtatcct	gtaactttac	tgaattttatc	120
agttccaata	gn					132

<210> 2071  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

<400> 2071						
gctaacaaaa	cacgtacagg	atctctatgc	taaaaattac	aaaacgttga	tgaaaggact	60
aaaagaaaa	ctaaagaaat	ggagagggat	actatgttca	tgttttgaaa	gactcaatgt	120
agtaaagata	cagattttcc	ctaaaccaac	ttataggttt	aattcaatac	ttatcaaaat	180
ctg						183

<210> 2072  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 2072						
gcgggcggat	cacctgagg	caggagttca	agtccagcct	cgccaacgtg	gtgaaacccc	60
atgtctacta	aaaatacaaa	aaaaattagc	cagacatggt	ggcgggcacc	tgtaatccta	120
gctaccgcga	aggctgagac	gggaatcact	tgaacctgtg	aagcagaggt	ttcagtgagt	180
ctagattgca	ccattgcact	ctagcctggg	caacagaact	agaccccatc	ttaaaaaaaa	240
aaaaaagggtg	atccccaaaa	aaggggggtt	ttctaaatct	tagtggaaag	gccaccatga	300
ttaaagtata	caaacttttt	gaagcaaatt	aaatttttat	ttctttttaat	ccaaagttta	360
aatttgaatt	aaacc					376

<210> 2073  
 <211> 438  
 <212> DNA  
 <213> Homo sapiens

<400> 2073						
tctctttttg	aggatcccat	cgctctaat	tccgttgctg	tcgggcacac	acctgtagtt	60
tcagttttct	aggaggtga	cgcgggagga	ttggcttagc	ctgtgagggtg	gaggccacag	120
tgagctgtga	ttgcgccact	gtactccacc	ttgggagaca	gagtgaagacc	ctgtctgaac	180
aacaaaaaag	aattgtggcc	agtcattgga	gtcacatct	gtaatcccaa	cactttggga	240
agctggggcg	agtggattgc	ttgtgggtac	gaggtcagga	tcagcctagg	caacatagca	300
aaaccttgtc	tctctaccaa	caagaaaaag	aaaaagaaaa	aaaattaacc	aagtgtgatg	360

gagcacacct ggtggaaagc cctaactact cggggagggt tatctgggag gaataattgg	420
agccccagag gttttggg	438

<210> 2074  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 2074	
tacggctgtt agaatacgac agaagggagc accttgggag gccagaggca ggaggatcac	60
ttgaggccag gagttcaaga cgggcctggg caacataatg agaaccatc tttacccaaa	120
aaataaaaatt acattaaaaa ttagctgggc acggtgacgt ctgcctgagg tcacattcaa	180
gaagctgatg tgggaggatc gcttgagccc aggaattgga ggctgcagtg agctaagatc	240
ataccactgc acttcagcct gggcgctcaga gtgagaccct gtttctaaaa taataataat	300
tttaaaaaat gatatttatg gttgcattgg gaaaagatca atctattaat atatgtgaag	360
acatttttgg cctaaa	376

<210> 2075  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(367)  
 <223> n = A,T,C or G

<400> 2075	
tacctacttc gattgcgaca tgacaacata cagtgggtgtg tttacccaag ccacgactta	60
aaggcagagg acaagatgct atatttgtga aatgagacat gctatggctt tattagatac	120
cgtactctgc tgcaagacca caatgtacgc atcgacgggtg gccttcattt tatgttgcag	180
aatgaatccg acgtatagga agtctttcan gatattatcc aggagaactt ccccaaccta	240
gcaaggcagg ccaacattca aattcaggaa ataaagagaa caccacaaag atactccttg	300
agaagagcaa ctccaagaca cacaattgtc agatttacca aggttgaaat gaaggacaaa	360
atgttaa	367

<210> 2076  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(331)  
 <223> n = A,T,C or G

<400> 2076	
ggtaccacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa	60
gcaagaaaac aaccatacga cagaaacaaa cctgtcatat aatcgccatc aatgcaaata	120
ggttaaattgc tccagaaaca gaacggctga atatatttta aaaacatgat ccaactaaat	180
gctgcttacg agaaactagc cttgtcagta aagacacata tgaaccgaaa ttaaagggat	240
ggaaaaaaat attttgtaca aattggaac caaaagtgc cagaagctac agttatatca	300
gataaaaatag actttaagtc aagaaaggta n	331

<210> 2077  
 <211> 135  
 <212> DNA

<213> Homo sapiens

<400> 2077-

aggcgctggt	taaaagaggg	ctaacccctg	gcttttagatt	tacagtccag	agcttactc	60
atccatttta	cctgaccccc	aagggttttt	tgggaaaatt	ggggggcggg	gggccttttt	120
ttagcgaaaa	ccagg					135

<210> 2078

<211> 305

<212> DNA

<213> Homo sapiens

<400> 2078

taaccaatag	gccaaagaag	aaataacaag	agaaattaga	aaacacttag	agttaaatta	60
aatggaaag	acaacttacc	caaacttaca	ggatatagtt	aagcagtgt	caacaggaaa	120
tttatagctg	taagtgttta	cattaaaaaa	gaaacatctc	aatcaataa	cctaaattta	180
catcttaagt	aactagaaaa	agaaggcaat	actaaacccc	aaaccagaaa	gaagtaaata	240
aagattaaag	ttaagataaa	taacatagag	aatagaaaaa	ttagagagaa	tcagcaaac	300
ccaag						305

<210> 2079

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2079

gtctcgctct	attgcccgag	ctggagtgcg	gtggcactat	ctcagctcac	tgcaacctct	60
gcctgctggg	ttcaagcaat	tttcgtgct	cattctccca	ggtagctgag	attacagatg	120
tggggccacca	caccaggcta	atTTTTgtat	ttttactaga	gacgggggga	tacagggctg	180
gcccgactca	cactgagctg	taagactaca	ggccggggatc	caagggtgaac	tacaaggagg	240
tggtggaagc	tcgaaccact	cgataaacac	cacccttgct	ggtagtgggc	attgtgctct	300
cttggaacc	cttgatggct	cccaccttca	aactgcttc			339

<210> 2080

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2080

aacaacctaa	cataaaaact	acaggaagta	gaaaagaaag	agcaaaccac	actcaaagct	60
agcaaaagac	aataaataac	caaaattgga	gaagaagtga	atgaaattga	aacacaataa	120
aattacaaaa	cagatgaatc	taatggtggt	tatttgaaag	attagataag	attgataaac	180
ttctagctat	actaatgaaa	aaaagagaga	agattttaat	aaacacaatc	agtaatggca	240
aaggggacat	tatcactgac	cccacaaaaa	cacagaaaac	cctcagagac	tactacaaac	300
acctctatgc	acacaatgta	gagaaccttc	aagagatgga	tag		343

<210> 2081

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2081

aatcccaaca	ctgggcagct	gaggtgggtg	gatcacttga	gccagaagg	tcgagagacc	60
agcctaggca	acatggtgaa	accccgcttc	tactaaaaat	tcaacaataa	aaaatttagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gctactcttg	ggggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtgtgtgac	acaccacttc	actccagccg	240
gggtgacaga	gcaggagaac	tgtcacctcc	tggggaccct	gtttccctcg	ggtattcaaa	300



aatctcccaa agggaggcaa gcatgggcta cgcagaagaa ctctcagtaa ggactgctga 360  
gtctcttcat atgagctgca g 381

<210> 2082  
<211> 411  
<212> DNA  
<213> Homo sapiens

<400> 2082  
ccaggaacag gtgacgtgtc tgatgttggc ctagggaagg gacggtacta cagtgtaaat 60  
gtgcccattc aggatggcat acaagatgaa aaatattacc agatctgtga aagtgtacta 120  
aaggaaagtat accaagcctt taatcccaaa gcagtggctt tacagctggg agctgacaca 180  
atagctgggg atcccatgtg ctcccttaac atgactccag tgggaattgg caagtgtctt 240  
aagtacatcc ttcaatggca gttggcaaca ctcatcttgg gaggaggagg ctataacctt 300  
gccaacacgg ctcgatgctg gacatacttg accgggggtca tcctagggaa aacactatcc 360  
tctgagatcc cagatcatga gtttttcaca gcatatgggc ctgattatgt g 411

<210> 2083  
<211> 401  
<212> DNA  
<213> Homo sapiens

<400> 2083  
cggtgctgtc ggcggtggca ttacctttgc agaccaaggc tgatgcaaat cgtactgccc 60  
ctagtgggaag tgaataccga catcctgggg cttctgaccg tccacagcct acagcgatga 120  
attcaattgt catggagact ggcaatacca agaactctgc actgatggct aaaaaagccc 180  
ctacaatgcc aaaaccccag tggcaccac cgtggaaact ctacagggtt atcagtgggc 240  
atcttggctg ggttcgatgt attgctgtgg aacctggaaa tcagtgggtt gttactggat 300  
ctgctgacag aactataaag atctgggact tggctagtgg caaattaaaa ctgtcattga 360  
ctgggcatat taagactttg cgggggggtg taattagccc g 401

<210> 2084  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 2084  
ggactatgag aatcgaaccc atccctgaga atccaaaatt ctccgtgcca cctatcacac 60  
cccattccgaa aaaaaaaaaa aaaaaaactt tggggggcgt tttttacgta aatccaaact 120  
ggataaagac cttggaggag ttggggccaac ccccccttg aaggcgggga aaaaagggct 180  
tatttgagaga aattggggag gctatgggct taatttggga 219

<210> 2085  
<211> 344  
<212> DNA  
<213> Homo sapiens

<400> 2085  
ttatttcact atgatctgca attctgtttt aattaaatgt tttatacttt ttgacatatt 60  
tggccagctt tctcaatgtc agagttctaa atgaagtctt ttcaacctag aattatcttt 120  
gagattttct agttgggctc ctggagagcc tcaaacaatg tatttttcag cttgtagagc 180  
tgttaaacta attaggcttg tttgatgtat tgagttgtat gagaagcgtt ggaggcacag 240  
atgggatcaa ataacaaagt gacactaagt cttctctaag gtatatattat atggctatgt 300  
tattgatgtg aaagatctaa aaattatgta aaatttataa atgg 344

<210> 2086  
<211> 367

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(367)  
<223> n = A,T,C or G

<400> 2086  
gggtcttgaac tccagacctt ggggtgatctg cccgcctctg cctcccaaaa tgcgtgagatt 60  
acagacgtga gccactgtgc ccggccgcct gagacatttt gggcaacatc tgtgacagaa 120  
gaaatgtgca tcctttccgg gcaggggatt taagaagcgg ctcatggctg aatatggtat 180  
ctttgcatct gtctgtggaa ctgcgggagc atcttctggg ataagggact acctgtatga 240  
gtcttgaat gtgttctaac cacgcgcact cccctgtgct cccctatcac catgactatt 300  
cacttgaaag cctgatgggc ctacgcctc ttctgtagcc tgtggaggcc caaaatgttt 360  
cattgcn 367

<210> 2087  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 2087  
gttctccaac catatggaat cataacagaa atcaaaacac aaagttaact ctctaaatac 60  
atgaaaatta agcaacatac ttctagaaaa tccttggatc agagtcacac aaaagaaata 120  
tatagcactg aattagaatg aaaataaaaa catacgaaca tatgtgggat ataactaaag 180  
gattgctgag aagaaacctc atagcactag atgcttacat caaaatagag gaaggaattc 240  
aatcaataa ccaaaattct gacctaaaga acctagaaaa agaagagcac attactcaa 300  
agcaagcaca agtaataccg gtaataacag aagtcaatgc gaaagaaaaa cctgagagaa 360  
aatgatacaa agtcaatt 378

<210> 2088  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 2088  
tagcactcca ctgcagtat gcacagatca tccaaacaaa aaaaaaaaat cagagttaaa 60  
ctacccccta aacctagtgg gtctaactga ctttataga acatttcacc caactgtggc 120  
aaaaaacaaa ttcctttctt taaaacatga acattctcca gattaaacct tattttaaac 180  
tacaaaacaa gtctcaaaga gttcaaagaa gtaaaaatca cctcaggtat cacttgggac 240  
cacattgaaa taaaactaga aatcattacc caagcgaatc tcaaaagctt cataaacaca 300  
tggaattca acaacaggct tttgaacata ttaaggcaat 340

<210> 2089  
<211> 337  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(337)  
<223> n = A,T,C or G

<400> 2089  
ggtagcacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa 60  
gcaagaaaaac aaccatacga cagaaacaaa cctgtcatat aatcgccctc aatgcaaata 120

ggttaaatgc	tccagaaaca	gaacggctga	atatatttta	aaaacatgat	ccaactaaat	180
gctgcttacg	agaaactagc	cttgtcagta	aagacacata	tgaaccgaaa	ttaaagggat	240
ggaaaaaaat	attttgtaca	aattggaaac	caaaagtgc	cagaagctac	agttatatca	300
gataaaaatag	actttaagtc	aagaaaggta	aaagacn			337

<210> 2090

<211> 365

<212> DNA

<213> Homo sapiens

<400> 2090

gtcacaagaa	aggggaagctt	atccattaag	gaaattgagc	cccaaattag	gaacgatcgg	60
gcaaataaaa	ctccaggcct	agatgacttc	cctggggaat	tccaccagac	actgaaggaa	120
gaaaggatcc	cagtcttaca	tcaaactctc	cagagaagac	agaaagcagg	aacactgtct	180
aactcatgtt	atgagtctag	caaaacttta	atgctaaatt	ctgatgaaga	cattacaaca	240
aagaaacatc	atgggtcaac	tcttcccatg	aaaatggatg	tgaaaatcct	taaaaatatt	300
agcaagtcaa	ataaaacaat	atcacaacca	agtgggattt	atttcaaaat	gcaaggttgg	360
gtgag						365

<210> 2091

<211> 335

<212> DNA

<213> Homo sapiens

<400> 2091

gtcagtgcgg	tcacatactt	ccagaagagc	ggaccagggc	tgctgccagc	acctgccact	60
cagagcgctt	ctgtcgctgg	gacccttcag	gtaggacagc	tcccaatgct	gtggggactc	120
tcagcaaaac	ttctccttcc	tttccacggc	tctgcttctt	ctgacctcat	cttagttttg	180
ctttttcttt	tcttccttcg	ctatttttct	atgatcctct	aagaaccaag	tccttgaaac	240
ttttggctca	aagtggatc	agagacaact	ttttctagaa	agttcagaaa	agtgtatttt	300
gaggacggag	tctggggaaa	tcaatgggat	ggggc			335

<210> 2092

<211> 129

<212> DNA

<213> Homo sapiens

<400> 2092

taccatctac	tacggaggct	gaagcaggag	gatcacttga	gctgggaggt	cgaggctgca	60
gtgaactgtc	atcgtgccac	tgcatcttcag	cctgggtgac	tgagcaaaat	caaaaaaggg	120
ttgggcgtg						129

<210> 2093

<211> 328

<212> DNA

<213> Homo sapiens

<400> 2093

acgacagaag	ggaatacatt	taaccaaggc	agtaaaagat	ctctataagg	agaacaacaa	60
aacactgctg	agagaaatca	tagatgacac	aaatggaaaa	atatttcata	cacatagatt	120
aaaagaatca	atatcattaa	aatggccata	ctgcccacaa	caatttacag	tttcaatgct	180
attcctatca	aactaccaat	gtcatttttc	acagaactaa	aaaagctatt	ctaaaattca	240
caggaatca	aaaagaagcc	caaatagcc	aagcaatcat	aagcaaaaaag	cacaaagctg	300
gagacatcaa	attaccagac	ttaaaaact				328

<210> 2094

<211> 344

<212> DNA  
<213> Homo sapiens

<400> 2094  
tattctcctg cctcagcctc ccgagtagct gggattacag gtgccgacta ccacacccag 60  
ctaatttttt gtattttttt ggtagagacg gtgtttcacc gtgttggccc cgctgggttc 120  
attctctcga cttcaggcga ttcacctgcc tcggcctacc taagagggtg cattactggc 180  
tggatgctcc gcgcccggtc agaagcctct atttttaaaa agcccattag cttagacaac 240  
gctttaccct tccttccatt tcccctaaga tcctgaggct ttgtcgaacc taatgaacat 300  
catgggacca ttggatcggc ccttaagcct tttgggaaga catg 344

<210> 2095  
<211> 309  
<212> DNA  
<213> Homo sapiens

<400> 2095  
agtgctgtag ggcctcttct ccaaaagtct agattctgat aactccattc tcttcccttt 60  
gttcccataa ccccaggag agtagctgtt tcctaaagtc agtgtcccat ctttgctttg 120  
tcaattctct aatattttatc aatttccttg tattagatcc tctcttttaa aataccaagt 180  
gtgaggagggc tgggtgcagt ggttcatgtc tataatccca gtatttgga ggctaaggcg 240  
ggaggattac ttgagcctag gaattcaaga ccagtctggg caacatagt agatctcgtg 300  
tctaaaaat 309

<210> 2096  
<211> 333  
<212> DNA  
<213> Homo sapiens

<400> 2096  
tcaagcaatt ctctgcctc agcctccaga gtagctgaga ttacagacat gcgccaccac 60  
accgggctaa tttttttttt tttttttaag gggagacggg gcttttcctt gtggggcagc 120  
ctggccttga actcctgacc acggtgggga agaaagctga agccgacaag aatgataatg 180  
ccttagaaga ccttcagctg ctgatgtttg aagccagcct tactatctgt gggaataacc 240  
ttgatgatcc cccaaccac tggaaaccgc tttattgaaa ggtcaaacag aggctctgta 300  
ttggcgaga ggcaatggca cctgaaggaa ccc 333

<210> 2097  
<211> 292  
<212> DNA  
<213> Homo sapiens

<400> 2097  
aagttctaata cagagtaatc agacaagaga aagaaatata gggcatccct acaggaaagg 60  
aagaagtcaa accatctctt tgctgatgat attattctat atctaaaaaa ccctaaagac 120  
caaaagtctc ctaaatttga tgacttcagg aaagtctcag gatacaaaat caacatacaa 180  
aaatcagtag catttctata caccaataat atgcaaactg agagccaaat caagaatgca 240  
atttcatttg cagtagccac acacacaaaa ataaaatacc taggaataca tc 292

<210> 2098  
<211> 398  
<212> DNA  
<213> Homo sapiens

<400> 2098  
cgttgctgtc gcatttacag aatttttttt gttaaaaaaa actgtagaaa tgaaggcttg 60  
ttattctcat ttccattaca taaatgggtg ctcaaagtgt aatttctaata ttatcatagt 120

ttatggtgat	acattaagag	actaatgtgt	catttggtgt	ttgatttcta	cattctagag	180
agacagttta	atcagtcctg	gacccaaaatc	aaacagagta	aactgtgtca	tcattggagat	240
ctgcccagga	aatccccaaa	atacagaagg	atcagaagta	gatggaaata	atgtcataga	300
acgtctctca	caactgtgtt	ataagaatga	cagggaaagt	acaggttaca	acagatttgt	360
gaactcagcc	aagcacagt	gtggcagggc	ctagctgc			398

<210> 2099

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 2099

acacagatac	acacaacact	cctctaaca	ccaccaaaat	agacattctt	ctcaagtgcc	60
tatggaacaa	tcttcaggag	agagcacatg	ttaggctaca	acacaagtct	tcacaaattc	120
aaaagaaatt	gaaatcatat	aaagtatttt	tgacaataac	tataaaataa	aactaaaagt	180
caatattata	aagaaaatgg	gaaaatccac	aaatacgtag	aaattaaaca	acatactctt	240
caatgaccaa	aaagtcaagg	aaaaagacac	aaggaaagt	gtaaaataca	tcgattattc	300
tatcttcttg	gtgaattagc	caan				324

<210> 2100

<211> 389

<212> DNA

<213> Homo sapiens

<400> 2100

cgttgctgtc	gattcaagtc	ctttgcctat	ttttttcttt	ttttgaggag	aatcgcttga	60
acctgggaga	aggttgcagt	gagcagagat	catgccactg	cactccagcc	tgggcaacag	120
agcaatattc	tgtacaaaaa	aaaaaccagg	acaaattgaa	aaaaaaatgg	aagcggggca	180
tgggggctca	catgttaaat	cctacctagt	tgggaggctg	aaatgggagg	attgcttgag	240
tcccgggggt	caaggctgga	gggagctatt	atggtaccac	tgtgctccag	ccagggcaac	300
aaaggagac	cctgctgtat	cttaaaaagg	aaaaagggtg	gggcgtgagg	gttcacgcct	360
gtaatcccag	cactttgaga	cgccaaggg				389

<210> 2101

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 2101

atatgatata	tcaacttaag	ttatttttaa	taacttaca	gacacattga	aaacaagtaa	60
caaagtgtta	tcctttgtga	tcattatttt	aaatgtaaat	agattagact	ccctagtcaa	120
aagactagag	tggctgaatt	ctgaatggat	taaaagaaag	aaaaagaaag	attcgatttt	180
aaactttgta	aaggaaactc	acttttagatt	taagatcact	tacaggctga	aagtgaatgg	240
atggaaaaac	acattctgtg	caagttgtaa	ccaaaagaga	gcagagatga	ctntacttat	300
atgagacaaa	ataaactttg	aaaaacactg	tcaaat			336

<210> 2102

<211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 2102  
 tctagcagta gacagtatat aacttagagt caagaaatgt tgggccaggc gcggtggctc 60  
 acgcctgtag acgaaaggct cccggagtga tgatcgtcta gagacttgat agaacatgga 120  
 agggggacgt tgcccacata tatgcaaata tattgcaactg gagatattgc agacataaag 180  
 gaaatgggta ctgttcataa aagaatgccc cacaagtgtt aaaaatgtgc ctgataaaat 240  
 ataagtgact actggcctgg agcagtggct cagcctgta atcctagcac tttgagagggc 300  
 caaggcaggt ggatcacctg aggtccg 327

<210> 2103  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 2103  
 ggggcagtat atctttgtta attgcccctc aatctctctc ctggaatggc atccttttac 60  
 tttgacctct gctccagagg aagattttct ctccattcat atccgagcag caggggactg 120  
 gacagaaaat ctcataagggt ctttcgaaca acaatattca ccaattccca ggattgaagt 180  
 ggatgggtccc tttggcacag ccagtggagga tgttttccag tatgaagtgg ctgtgctggg 240  
 tggagcagga attgggggtca ccccttttgc ttctatcttg aaatccatct ggtacaaatt 300  
 ccagtgtgca gaccacaacc tcaaaacaaa a 331

<210> 2104  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

<400> 2104  
 aggcgtgaagt gcagtgatgc gatcatgact cactgcaccc tcaacctcct gggctcaagt 60  
 gatcctccca actcagcctg ccaagggggt ggtaccacag gaatgcaatc ataaacttct 120  
 gggctcaaat gatgactctt gatttggtag tcccaaagag caggaactac acgcatgagc 180  
 cactgagcct ggctggaact aaacagatca cactgtgcta aaagaaaata tttccacgt 240  
 attacttcta acagctgtta cacaaatgcy tctaggttca taaactatat cacttgtaaa 300  
 attcccttta taacgctca 319

<210> 2105  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 2105  
 ggagttcaag gttacagtga gctatgatca tgccactgca ctccagcctg ggcaacagag 60  
 caagacttgt ctctaaaaaa taaaaataaa ggtgagatgc acaggacctg tgtgtagaat 120  
 gttatatgag taaggaaata tagtctaaag tggaaaaataa aaagggtata gcaggcattt 180  
 aaaggagac aggaagagca agtggataga aaagtatttg aagagttagg gaacaaggga 240  
 gtaacacctg acttgcttct cagtctaccc gaagaatctg taaatcacca ggcattggtg 300  
 ctcatgcctg taattccaac actttacgag gc 332

<210> 2106  
 <211> 193  
 <212> DNA  
 <213> Homo sapiens

<400> 2106

agacaaaaaa	ggaaggaatc	gaacccccca	tagctgggtt	caagccaacc	ccatggcctc	60
catgactttt	tcaaaaaaat	agaaatgaat	actataatga	gggggcgctt	ttctcttgaa	120
tccccaaatt	tagaaaacct	ttgggggggtg	ggggccccc	ccccttttta	tgggggggaa	180
aacatttttt	ttt					193

<210> 2107

<211> 378

<212> DNA

<213> Homo sapiens

<400> 2107

ttccaacctt	ccttttttta	aattttctcc	agtcacctggg	agcaagttgc	agtctttttt	60
ttttttttcc	cttttgggcc	caacccccct	tgttttaagg	gccttttttt	taaccccagg	120
ggcccaaat	aaatgggggg	gaaaaccctt	ggcccaaaaa	ccaggggaaa	aaaatcctta	180
cccctttttg	gtcaaaaagta	atttttaacc	cttccccctt	gaacaaaaac	cggtagggaaa	240
caaccccccc	cgaccttggg	gaaaaaaaaa	aaaacctgcc	ccctttcttt	ttgtggaaac	300
tggagggggc	gaagcccccg	ggaaaaagcc	aaaaaaaccc	aacctttttc	cccccttctt	360
gggaaaaatgg	gccccaaa					378

<210> 2108

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2108

tctgcaggct	gcagtgcaat	ggcatgatca	tagtcaactg	cagccttgaa	cccctgggct	60
caagtgatcc	tcccacttta	gtgtoccaa	tattaaatag	ctggcattac	agacatgtgc	120
caccatgcct	ggctgtttct	cgtttttttt	agagatggga	tctcactatg	ttgccaaggc	180
tgggtctcgaa	cttctggcct	caaagtatct	tcttgcttgc	gcccccaaaa	gagctggatt	240
acaggagtga	gctactgtgt	ccagccta	cttcgttctt	ggagtcaagt	tgtgtaggct	300
ttgttttttg	ctttgctttt	ttttttttcc	cccaccctaa	gtg		343

<210> 2109

<211> 147

<212> DNA

<213> Homo sapiens

<400> 2109

cggtagcggt	gcgagaaaac	aacagaaggg	gctcttttcg	ccatctttcc	gcgcccgcac	60
aatggtgcgc	atgaatgtcc	tgtcagatgc	tctcttgagt	atccacagtg	ccgaaaagag	120
aggcaaacgc	catgtgctta	ttatgcc				147

<210> 2110

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2110

ggcacgagct	ggaatcctgc	tatggagtta	gatcatgtcc	taaccttcag	ctcaggcagc	60
tctaggcctg	cttcccgcgc	acctggatgt	cctgcttttg	gccaagtcag	cttgtctcag	120
gtctgggtctc	tctctccatc	catgtcgggt	ccccccaacc	ccctacaaca	atagtgtctg	180
aactagagac	tctttctcgg	ccagcttctt	ggcaaagggt	ttaaataaca	catgcctctg	240
gctgggttct	gtgctctgcc	agtcgagtgg	ccctcgctcag	cctcatccac	tttattctta	300
cccctctttt	caggcttcac	cctgaagaac	tgggaggccc	tccactgaag	aagctgaaac	360
aagagggttg	agaacagagt	ca				382

<210> 2111

<211> 460  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(460)  
 <223> n = A,T,C or G

<400> 2111  
 ctactaaaca agctacgcag gactttctgc aagatcccat cgattcgtag ttccgtagct 60  
 agtagcaact acccactcac ctatccaccc atccacctac ctatttgtca cccatccacc 120  
 catccatcca tccaatcacc catccaacca tcaatccaac cattttcatc tggttcatttt 180  
 ccatccatct acccgctccac ccattcactc ctccatccac ctacctatcc atttatcacc 240  
 catttaccca tccatccatc catccttcca accattttatc caccatcca aacattttcca 300  
 tctgtttttc catccatcta cccatccacc cattcactca tccatccacc ttccatcca 360  
 tttatcatcc atctacccac tcacccatcc atccaaactt ccaaccattt atccacccat 420  
 ccaactattt ccactctgtt attttccacc catttaccn 460

<210> 2112  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 2112  
 cgttgctgtc gttcaatttc ttgaatgttt taagacttgt tttgtgaacc taacatatgg 60  
 aatatactac agaatgatcc atatgctgag gagaagaatg tgtattctgc agccattaga 120  
 tgaaatgttc ggtaaatata tattaggtcc gtttggtctt tagtgcagat taaatccagt 180  
 gtttcttttg tgattttctg tctggaagat ctgtctgttc aatgctgaaa gtagggtgtt 240  
 gaagtctcca gccattatcg tcttgagatc tctgtctctc tttagttcta atatttgctt 300  
 tatgtatctc agtgctccag tgatgggtac atatatactc acaatcattg tatcctcttg 360  
 ctgcattgac tgcattatca ttata 385

<210> 2113  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 2113  
 ggatttatcc ctgggatgca aggatgggtc aacatatgca aattaattaa tgtgatatat 60  
 ctcatthaaca gaatgaaaga taaaaattac atctcaatag aagcagaaaa aaatttgaca 120  
 aaattcaaca ctcttttaca ataagaatta tcaacaaagt atggaaggaa tatacttcaa 180  
 catgttaaga gctataatac gaaaagccca gagacaacat cacaactagt ggtgaaaacc 240  
 tgaaagtgtt tctcttaaga tcaggaaaaa ggcaaggagg ccaactcttg ctacatctat 300  
 ttaacatagt actggaaatt ctagccagag caa 333

<210> 2114  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 2114  
 atactgcttt gtgatctgtg gattcctctt acagggttaa accatttttt ttgattcagc 60  
 aggttggaag tactcttttt gaagaatctg cgaggaaagg ttgggagccc attgagacct 120  
 atggggaata acagaatac tcagataaa aacaagaaag aaattatctg tgcaactgct 180  
 ttgtgatgtg tggattcacc tcacagagtt aaacctttct tttgattcag catgttggaa 240  
 accctgtttt tgcattgtct gcgaagagac agttaagagc ccattgaggc ctatggggaa 300



aaccaaatat c

311

<210> 2115

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2115

taaaggccag	atgttatcag	cagctgaaca	gcattctacag	aaaccagctg	caaagacaga	60
agcagaaaaa	ctggttttgt	ggagagaccc	gataacaaaa	agttgggaaa	taggtaaaat	120
aataacctgg	ggtagagggt	atgcttggtg	ttctccaggc	caaatcaac	agccgatttg	180
gataccatca	agacacctga	aaccttatta	tgagccagat	gctgaggaag	agattctggg	240
aggatcccaa	ggactcccca	gttgcagcca	tgctgagact	gatgctgaag	aggaccccaa	300
ctgtcacaag	caa					313

<210> 2116

<211> 355

<212> DNA

<213> Homo sapiens

<400> 2116

attaaaggaa	ctcttaggtg	aaaaatcaga	taatgaaatt	tacattctca	agtacagaga	60
gaatctgatg	gtgcttgagg	gagattaaaa	atgaatgccg	aatcaaaccat	aaaattatag	120
aaatctatca	tagaattatg	taataagacc	aattttatatt	tgctagagac	cacctatctc	180
ctaactgggt	atctgagctt	tgggcagagc	ccatgttcaa	tcctggttct	ccaaaaaagg	240
agaattctta	tgtggctagg	ccagggtgatt	gttctacagt	acatcaagga	aatcttttta	300
acaaagacat	ttctatgtgt	ctaagctata	ctattccttt	aagatccaaag	agtag	355

<210> 2117

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2117

cgttgctgtc	gctttttccc	agaaaacaag	gggttagatg	ttgcatttca	taaaactaac	60
cgaagtctctg	tctactgatg	cagcacaaga	gatgtataaa	aaaaaaaaaa	aaaaaccccc	120
cccccggggg	aaagaccctt	ttaagggtttg	gtttgggtttt	tttttttggg	ttgggtttttt	180
ggtttttttta	cctcagggaa	aaacctggaa	aagggggcaaa	acctcttatt	tggattttttt	240
attaggggggc	ctttttttaaa	aaaaaggctc	cactgggaaa	ggaaaaaagg	ggggggggggg	300
gggaaaaaaa	aaaacttttg	gggtaggggg	atataaaaaa	attttggccc	tttgggttcaa	360
aaaaccgcga	ttttaaaaaa	aaaaaaattc	ccaccccaac	caccc		405

<210> 2118

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2118

ggcacgaggt	ttactgggtc	agagaaccat	tgcaggactt	ctcctaaaga	aaatttgtag	60
gggtgtcttt	gtccaagaca	ccccccagaa	tctaaaaatg	ctgcgtatag	tggaacctta	120
tgtgacctgg	ggattttcaa	atctgaagtc	tgtgcgagaa	ctcattttga	aacgtggaca	180
agccaagggtc	agaataaga	ccatccctct	gacagacaat	accgtgattg	acgagcacct	240
ggggaagttt	gtcgtcattt	gcttgggaaga	cctcattcat	gaaattgcct	tcccagggaa	300
gcattttccag	gagatctcat	gggtcttgcg	ccctttccac	ctctcagtgg	cccgctcatgc	360
taccaaaaaat	agagtgggct	ctctca				386

<210> 2119

<211> 350  
 <212> DNA  
 <213> Homo sapiens

<400> 2119  
 atagttgttc acactgagcc tctagcagtt catcaattac agttcagggt tcttatggaa 60  
 gtttgcgtg tgagtgtttc tgctctgatt actcgtgatt ctccgtattc accttctgtc 120  
 tctccagttt gggggcagct gtttgacctg tgacttaact tctcttacag atctaagaaa 180  
 agttgttgat ttttcagttt gttcagcttt ttacttgctc ttaggatcga gttgactgat 240  
 ctcttctcgc ctgcttcttt ttgtgttccc tttttttttt atactcaact tctttcctcc 300  
 tttatttgct cgcgtcctgg ttctcatcga ttctctcttc tccccttctt 350

<210> 2120  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 2120  
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 acattgagag actcaaacct tttgctgccc cacacacatc catgaataac tacaacagtg 120  
 ctgcaagtat tgatttgggg gttttgaata aattttaatg agcagataaa tttgcaaata 180  
 cagaatctgc aaataatgag ggtcactggg atttggtgct ttttcgagaa tgggtggaag 240  
 acggcactca gctgggactg tccaatgggg agagggtccat gtgtggccct ccaacatgtc 300  
 acagggcact tggacttctt att 323

<210> 2121  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 2121  
 aggtagataa acggatggac agatgctggg tgaatggatg ggtggataga tggataaatt 60  
 gatataatgga tggatgagta gatacatggg tagatgggtg gacgaatata tgagtggact 120  
 agtaaatggg tgagtgaatg catggatgga tggatggata ttttgacgag ttaatatata 180  
 ttttggatgt ttaaggatat ttattttttg tatattggat tttattttat ttatttttgt 240  
 ttttttgtat attattttata ttttttgttt tttttataaa tatgttgttt ttgatatttg 300  
 cgggtgtgttt atttttg 317

<210> 2122  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 2122  
 attctgtaca cacagcctat ggggtagccc tgctccacag ttgcggttgt acactgctgc 60  
 ttcaataaaa gttgctgttt aacactacca gtcaccctt gaattctttc ctgggtgaag 120  
 ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180  
 ttgctaattt gctctctaga attgcttttc caggttgggc gcagtggctc acatctgaaa 240  
 tcccagcact ttgggaggct gaggcaggca gatcacctga ggtcagggtg tcaagaccag 300  
 cctggcctac atggcaaata cctgtcttta ctaaaaatac aaaaatttagc tgcgcagtgt 360  
 ggcctatgcc tgtaatccca gctactt 387

<210> 2123  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2123  
attctgtaca cacagcctat ggggtagccc tgetccacag ttgcggttgt acactgctgc 60  
ttcaataaaa gttgctgttt aacactacca gctcaccctt gaattctttc ctgggtgaag 120  
ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180  
ttgctaaatt gctctctaga attgcttttc cagggtgggc gcagtggctc acatctgaaa 240  
tcccagcact ttgggaggct gaagcaggca gatcacctga ggtcagggtg tcaagaccag 300  
cctggcctac atggcaaata cctgtctt 328

<210> 2124

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2124  
gactttcaga gacaaacaaa agctgaggaa atttatcaac accagacatg tcttacaaga 60  
aatgataaag ggagttcttt aatctaaaat aaatggacac tagatgcaac aagaaaccgt 120  
ctgaaggtat tgaactccca ggtaaaagaa agaaaataga caaacttaaa atactcctaa 180  
tactgtaatc gggataagta aatcatatat cctatgtatg aagactaaaa gacaaaaatg 240  
ttaaaaaata ctgcaggcca ggtgcggtgg ctacgcca gtaatcccag cactttggga 300  
ggttgaggcg ggcagatcac gagatcaaga gattgagacc agc 343

<210> 2125

<211> 318

<212> DNA

<213> Homo sapiens

<400> 2125  
gagtgcggtc acataacttcc agaagagcgg accagggctg ctgccagcac tccactcaga 60  
gcgcctctgt cgctgggacc ctccaggtag gacagctccc aacgctgtgg ggactctcag 120  
caaaacttct ccttcctttc cagggctctg cttcttctga cctcatctta gctttgcttt 180  
ttcttttctt ccttcgctat ttttctatga tctcttaaga accaagtcct tgaaactttt 240  
ggctcaaaag ggatacagag acaacttttt ctagaaagtt cagaaaagtg tattttgagg 300  
acggagtctg gggaaatc 318

<210> 2126

<211> 302

<212> DNA

<213> Homo sapiens

<400> 2126  
ccatccatcc atccttttcag ccagccagcc agcctgcctt ctgtctaacc attaatccac 60  
tcagccacct atccacccat ccatccatgc attcagtcta tccatccctg catccaatcc 120  
atcctttcat gtatctgtcc gctcatccat ccaccattc atctgtccat tcaaccaccc 180  
acaaatctac ccatccatgt gtgggagagc atgatttaac tcatatataa acaatttata 240  
attactgtga taagagctgc aaaggaata aacatggtat taaaggataa tagtcactag 300  
tg 302

<210> 2127

<211> 347

<212> DNA

<213> Homo sapiens

<400> 2127  
catatgcaga agacacctac cttgtaccat atataaaaaat taatacaaaag attaaaaatt 60  
taaattgaag accacagact ttatgcaccc tagaagaaaa cctaagaaac accattctgg 120  
acgtcagctt tcggaaagaa catatgacta agtcttcaac agcaattgcy acaaaaacaa 180  
aaattgacaa gtgggaccta aactaaagag tttctgcaca gcacgagaaa ctatcaacaa 240

agtatacaga	cgacctacag	aataggagaa	aatattcaca	aactatgcat	ctgacaaaagg	300
tctaataccc	agaatctata	acgaacttag	gcaattctat	aagcaag		347

<210> 2128  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 2128						
ttccttggct	tataaaacgt	ttttcagttt	gatgcaaaat	gatgcgctta	ttttggtttt	60
tgttggctgt	gcatttggag	tcagagccaa	caaatcattg	tcttgaagct	tttcaactat	120
gttttcttct	agcagtttta	tagtttcagg	tcttaggttt	aagtctttaa	ttcattttga	180
gttggatttg	tgtgtggtgt	gatgtaaggg	atgcatgtgg	atattcattt	tcctgacaac	240
atattattgac	gagattgtct	tttccccatc	atgggttctt	ggcacctttg	tcaaaaatca	300
gttgacctta	aaaatgtgga	tttattttctg	ggctctctat	tcttttccat	tgaatgatct	360
gtttgttttt	atac					374

<210> 2129  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(387)  
 <223> n = A,T,C or G

<400> 2129						
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ggtaacatgg	caaaaccccg	tctctacaaa	aaatacaaaa	attagcctgg	cctatatattcc	120
cagttacttg	cggggctgaa	gcaggaaaga	ttgcttgagc	ctacgagggtc	gagactgcag	180
tgagctgaga	ttgtgccact	ggcactgtgg	cctggatgat	aaagtgagac	cctgtcttat	240
aaaatcaaga	gaaaagagaa	gaatcagtat	tgtgattaat	aaggggagaat	tccacgctgg	300
gcatggaggc	tcattgctgt	aatcccaaca	ctttggggagg	ccgaggggggc	atggatcttc	360
tgtgggcaag	gatttttcaga	accagcgc				387

<210> 2130  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 2130						
gctctcgtct	ggtctttctg	ccgccatctt	ggttcgcgt	tccttgacac	gcctcctttt	60
tattcccttc	cttcagaaat	gcccggcgaa	gccacagaaa	ccgtccctgc	tacagagcag	120
gagttgccgc	agccccaggc	tgagacagg				149

<210> 2131  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 2131

attccacatt	ccagccagtg	ggaaaaggaa	agggggaatg	gcataccctt	tccctttaag	60
gtacacccta	ggctgggcac	agtgggtgtga	gccagaagtc	ccagctactc	gggaggctga	120
ggcgggagaa	tacttgagt	ccaagagttc	tgggttgtag	tgcgctgtgt	caatcgggtg	180
cctacactaa	gctcagtatc	aacatggtga	tctccctggg	agaggggaac	caccaggttg	240
cctaaggagg	gctgaaatgg	cccagatcgg	aaaggtcaaa	actcccgtgc	tgatccagta	300
gtggaatcac	tcccgtanat	agccaaaaca	ctccagcctg	ggcaacaaag	tgagaccctg	360
tctctaanaa	aaaaaaaaaa	aaaaaacacc	ctggctgggc	ag		402

<210> 2132

<211> 336

<212> DNA

<213> Homo sapiens

<400> 2132

gctctgccag	ccactggaga	atggacgtaa	tggagccaag	gatggcacca	ggaagtcacg	60
ggggcagtg	ttgctgctgt	ccaggcaatc	acagtattgg	tgtcgtgtct	cagcaggctg	120
gggggtgggg	ccctggattc	aaagcatcca	tctgaacata	ttgtcacccg	tgcacccctga	180
gagagacagc	ttcatggagt	ggaggtgtgt	ggcctggagg	ccccacgtag	gccaccaggc	240
atgttttcca	cgaaaaccga	aacttctgac	gggattacta	acattggggag	atttccggtt	300
cttggacgcc	agtggagggg	ctgcaccagc	cttaaa			336

<210> 2133

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 2133

gatgacttcc	cttacctact	ttgtccagag	gctgttcacc	tgggagacct	gctgggtatat	60
gggccacgga	gatttgcacc	cccttccccg	gattctcaag	tgccactaga	agtctccaga	120
actgtgaatt	tattctagca	cgccctgcac	ttcacaagaa	aaagagatct	ctccctgggc	180
tcctgccggc	tcctccagga	tacagcactg	gagaaggcaa	cttgggtgtt	cctatctccg	240
ccactctgga	tttggggaatc	caaaccacaac	tccctttcta	tcactgacag	cgattgaggc	300
caatgcctac	tcctttggga	tgatgctcgc	ctgtctcaag	accgactgac	ccatgttcaa	360
cn						362

<210> 2134

<211> 278

<212> DNA

<213> Homo sapiens

<400> 2134

tgcggatg	atcatgccac	ggcactctag	cctgcatgat	agagcgagat	cctgttttatg	60
aagaaaaaga	gactgggcac	ggtgggtcac	gcctgtaatc	ccagcactct	gggacgccga	120
cgtgggcgga	tcacgaggtc	acgagatcga	gaccatcctg	ggcaacgtgg	agaaaccctg	180
tctctactga	aaatatacca	aataactggg	gatggacggg	cacacctgtt	gcctcagttt	240
cttgggaggt	taaggcctgg	gaaccacttg	ggcccgggt			278

<210> 2135

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2135  
actggaatgg aatatttttca gatatgacca gattgctttg aggaattgaa gttgacttta 60  
tagagctaata aaaaaaccca gtttctttgc aagtttcctg acctgtgtac cttgactgaa 120  
aaggtaacctt tacaaggtag acagtttctt cacaaggttc ctgacctgtg gtaagtgcag 180  
agtgttactt tctgacgtgc ccaggaacct caagttattt tgggacctca agaagagaag 240  
aatttaccga attcatacag gcattgcaga cagtcaatga ttaatgacaa atccttgctt 300  
tggttttata gcctcc 316

<210> 2136  
<211> 340  
<212> DNA  
<213> Homo sapiens

<400> 2136  
ccagctactt gggaggctga ggccggagaa tcacttgaac ccgggggggca gaggttccag 60  
tgagccgaga tcttgccact gcactccagc ctgggcgaca gcatgagact ccgtctcaaa 120  
aaaaaaaaaa aaaaaaatg gcccggaag ggggggctaata ccctgaaatc cggccccctt 180  
ggggggccgg ggggggggga tcacctggg taaggatttc aagaccccc tgaccaacag 240  
ggggaaatcc catctttccc aaaaaaccaa aatttatttg accgtggggg cgggccctt 300  
gatcccaat ttttttgag ggcttgaaac gggaaaattg 340

<210> 2137  
<211> 136  
<212> DNA  
<213> Homo sapiens

<400> 2137  
gagccacctc gcgcgcgcct ccaggageaa gtatggagag gctggtgatc aagatgccct 60  
tctctcatct gtctacctac agcctggttt gggtcatggc agcagtgggg ctgtgcacaa 120  
cacaagtgcg agtggg 136

<210> 2138  
<211> 408  
<212> DNA  
<213> Homo sapiens

<400> 2138  
ggcacgagcc acggacgtcc aaaaagtcca aaccaaagga cagcgataaa gaaggaactt 60  
caaattccac ctctgaagat gggccagggg atggattcac cattctgtct tctaagagcc 120  
ttgttctggg acagaagctg tcttaaccc agagtgcac cagccatatt ggctccatga 180  
gagtggaggg cattgtccac ccaaccacag ccgaaattga cctcaaagaa gatatagccg 240  
ccgtcagcca atccagtga ctcgcagcca aatttgtcat ccactgtcac atccctcagt 300  
ggggctccga caaatgtgaa gaacagcttg aagagaccat caaaaactgc ctgtcagcgg 360  
cggaggacaa gaagctaaag tccgtcgcgt tccgccttt cccagcg 408

<210> 2139  
<211> 322  
<212> DNA  
<213> Homo sapiens

<400> 2139  
attccacatt ccagccagtg ggaaaaggaa agggggaatg gcataccctt tccctttaag 60  
gtacacccta ggctgggcac agtgggtgtga gccagaagtc ccagctactc gggaggctga 120  
ggcgggagaa tcacttgagt ccaagagttc tgggtttagt tgcgctgtgt caatcgggtg 180  
cctacactaa gctcagatc aacatggtga tctccctggg agaggggaac caccaggttg 240  
cctaaggagg gctgaaatgg ccagatcgg aaaggtcaaa actcccgtgc tgatccagta 300  
gtggaatcac tcccgtaaat ag 322

<210> 2140  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

<400> 2140  
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 tcacgggggc agagtttgct gctgtccagg caatcacagt attggtgtcg tgtctcagca 120  
 agctgggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat 180  
 cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaagccac 240  
 caggcatgtt ttccacgaaa accgaaactt gtgacgggat tactaacatt ggagatttc 300  
 cgtttcttgg acgccagtgg aggggctgca ccaa 334

<210> 2141  
 <211> 132  
 <212> DNA  
 <213> Homo sapiens

<400> 2141  
 gagccgctg gataccgcag ctaggaataa tggaatagga ccgcggttct atttcgttgg 60  
 tttttcgagc tggggccatg actcacatgg ggtgtcgggc gtatttgat tgtttcgagt 120  
 ggaggggtgg gg 132

<210> 2142  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 2142  
 taaacttaag taaaggagtg gaaaaggga tttcatgcaa atggacacca aaaacgagct 60  
 ggggtagcaa ttcttacata agacaaaaca aactttaag caacaacagt taaaagagac 120  
 agagatgtta tataatggta aaagtccttg ttcaacagga aaatatcaca atcctaaaca 180  
 taçatgcacc taacactgga gtcaccaagt ttataaaact atgactaata gacctaaaga 240  
 atgagataga caacaacaca ataatagtgt gggacttcaa tactccactg acagcactag 300  
 gcaggtcatc aagacagaaa g 321

<210> 2143  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(312)  
 <223> n = A,T,C or G

<400> 2143  
 ggagcactgg gccaaaaaca aaatcaagag ggaaattaaa aacattcttt gaattgaatg 60  
 acaataacag cacaacctat caaaacctct gggagcagct aacgtggtgc aaagaggaaa 120  
 gtctgtagcc ctaaagtccat acatcaaaaa gtctgaaaga gcacaaacag acaatctaag 180  
 gtcacacctc aaggaactcc agaagcaaga acaaaccaaa cccaaaccga gcagaaggaa 240  
 ggaaataacc aagatcagag cagcactaaa tgaaattgaa acaaaacaaa caacaaaata 300  
 caaaagacaa an 312

<210> 2144  
 <211> 157

<212> DNA  
<213> Homo sapiens

<400> 2144  
tccttttggg aggtgacgac ctacgggcac ttttaacgtgc ctatcaccta ggatctccat 60  
aatatgtctc tagaagagga gatgaggaat ccctctacaa aacacgtgat gcggagcccc 120  
aattcctact tcctggatgt gaaacgcccc tgatgct 157

<210> 2145  
<211> 336  
<212> DNA  
<213> Homo sapiens

<400> 2145  
tgctttgagt agtaagggca ttttaacaat gcttattttt ccagtccatg aatatggaat 60  
atctttccat ttatttggat cttcttcaat ttcatgcacc agtggttgat agtttttgtt 120  
acagagatct ttcacttctt tggttgattc ctagggattt tataatattt attgatttgc 180  
aaataatatt tattgatttg caaatgttga accatgcttg cattctaggg ataaatccca 240  
cttgatcatg atgaatgatc tttttaatgt gttgctgaat ttgatttgct ggtattttgt 300  
tgagaatttt tgcacataa ctttaattgca tttcag 336

<210> 2146  
<211> 413  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(413)  
<223> n = A,T,C or G

<400> 2146  
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tcacgggggc agtggttgc gctgtccagg caatcacagt attggtgtcg tgtctcaaca 120  
ggctgggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat 180  
cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaggccac 240  
caggcatgtt ttccacgaaa accgaaactt ctgacgggat tactaacatt gggagatttc 300  
cgtttcttgg acgccagtgg aggggctgca ccagccttaa aaagaaatca tgtgagcctc 360  
cacgaatcag cagacacagg agaaantaag ggtctgcccc ctttagtggg ttg 413

<210> 2147  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 2147  
gtaacaaact gtggtcaagg cagaaacaaa cagtgagatc aaatcagtaa tttaaaaatt 60  
gccaaaaacc aaaagcccag gtctaggcag attcacagct gaattatacc agaccttcaa 120  
aaattaatgg tattaatcct attaaattat cccaaaagat tgaaaaaaag ggaatcttcc 180  
ctaacaatagc tgtgaaatca gtatcacttt gacaccaaag tcaggaaagg acatagaaaa 240  
gtggaaagta gagaccaata tccctgatga gtatacacgc aaaaatcctc aacaagatac 300  
cagcaaatat aatccaacag cacattaaaa ttgtaatt 338

<210> 2148  
<211> 333  
<212> DNA  
<213> Homo sapiens



<400> 2148  
 ataagcaaaa ggcccagtc ctgtcctcag gagctcatgg tccaagtcaa aatcacataa 60  
 aaacatttga gtccccccttg aaatgagtat tgttttcttg aacaaatttt caacttgctg 120  
 tagttttttt cctgatcact ttcctcctgt ctttccaaga tgggatatgt ttatttagaa 180  
 attacttcac ctgggacagc tgcttctctc ttttgctcag gcccgtagca ctgcaggatg 240  
 ggcaagtgtc gtggacctca tactgctagg agtctctgta gtcaccaaca agatcagaag 300  
 tggcatgata aacagtacaa gaaagcccat ttg 333

<210> 2149

<211> 344

<212> DNA

<213> Homo sapiens

<400> 2149  
 cagtgttcaa gatacaaaat caatgcacaa aaatcagtag catttctata caccaacagc 60  
 atccaggggtg cacgtggaat aaaaaacaca atcctactca aaatagccac aaagaaaatg 120  
 aaattatcta ggaatacagc taaccaaaga ggtgaaagac ctgtacaaag agaaccacca 180  
 aacactgctg aaagaattca gaaatgacac acatgaacag aaaacattcc atgctcatgg 240  
 attgaaagaa tcaatgtcat ttgaaatgtc catactgcac gaagtaattt aaagattcaa 300  
 tgctattcct atcaaaactac caatgtcatt cttcatagga ttag 344

<210> 2150

<211> 400

<212> DNA

<213> Homo sapiens

<400> 2150  
 gggaaatgcg tgttctagct ttctgtgtgc ttaggtgccc gagctactga gggcttaagt 60  
 ccgggcagcc gaagagtgtg gtcgcaagat gaacaaagat gcgcagatga gagcagcgat 120  
 taaccaaag ttgatagaaa ctggagaaaag agaacgcctc acagagttgc tgagagctaa 180  
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240  
 aaaaggacta gaacacgtta ctgttgatga cttggtggct gaaatcactc caaaaggcag 300  
 agccctggta cctgacagtg taaagaagga gctcctacaa agaataagaa cattccttgc 360  
 tcagcatgcc agcctttaag attgaattag attgtggtgg 400

<210> 2151

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2151  
 ggaaatgcgt gttctagctt tctgtgtgct taggtgccc agctactgag ggtctaagtc 60  
 cgggcagccg aagagtgtgg ttagcaagat gaacaaagat gcgcagatga gagcagcgat 120  
 taaccaaag ttgatagaaa ctggagaaaag agaacgcctc aaagagttgc tgagagctaa 180  
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240  
 aaaaggacta gaacacgtta ctgttgatga cttggtggct gaaatcactc caaaaggcag 300  
 agccctggta cctgacagtg taaagaagga gctcctaaca agaataagaa catt 354

<210> 2152

<211> 278

<212> DNA

<213> Homo sapiens

<400> 2152  
 cgccggtgtg atacactgac ctgactatta acagcccaat atctacaatc aaccagcaag 60  
 tccttattac cctcactgtc aaccaaacac aggcattgtc gtgggaaacc accctttatt 120

tgagattaaa	aaaggggggt	ttttttttaa	aagccccacc	acttggcata	tcctgggagg	180
ggttggcccc	ccccccccct	tggtggccgg	ggaaaagggc	cttttttttg	aattttttga	240
acccccgggg	ttttttgggc	cccttataac	ccggcatt			278

<210> 2153

<211> 336

<212> DNA

<213> Homo sapiens

<400> 2153

gggaaatgcg	tgttctagct	ttctgtgtgc	ttaggtgccc	gagctactga	gggtctaagt	60
ccgggcagcc	gaagagtgtg	gtcgcacgat	gaacaaagat	gcgcagatga	gagcagcgat	120
taacccaaaag	ttgatagata	ctggagaagg	agaacgcctc	aaagagttgc	tgagagctaa	180
attaattgaa	tgtggctgga	aggatcagtt	gaaggcacac	tgtaaagagg	ttattaaaga	240
aaaaggacta	gaacacgtta	cttgtgatga	cttgggtggc	gaaatcactc	ccaaaggcag	300
agcccttgta	cctgacagtg	tgaaaaaagg	agctcc			336

<210> 2154

<211> 334

<212> DNA

<213> Homo sapiens

<400> 2154

agaacttgag	aaactataaa	tacatagaaa	ctaagcaaca	tgctcttgaa	tgatcattag	60
gttaaggaca	aaattaagga	gaaaatcaaa	aaaattcttg	caacaaatga	aaattgaaac	120
acaacatacc	aaaaacctac	gggatgtgga	aaagaaggaa	aatttccagc	aataaatgcc	180
tacatggaaa	aaatagtaag	atttcaaata	aacaatctaa	caatgcaact	ctataagcta	240
gatacacaaa	aacaaaccag	actcaaaatt	agtaaaataa	ataataagat	cagagcaaag	300
ctaaataaat	acgagagatc	aatcaaacaa	acat			334

<210> 2155

<211> 331

<212> DNA

<213> Homo sapiens

<400> 2155

ttctgtctca	gcctcccag	tatctgggac	tactgggtgcc	caccaccaca	cctgggctagt	60
tttttgtatt	tttagtagag	acgggggtttc	accatggttg	tcaggatggg	ctcgatctct	120
tgacctcgta	atgtaccgga	ctcgggctcc	caaagtgcct	ggatgacctc	taogtatctg	180
ttagatttac	ttctccacgt	tcttatcaac	ctggtttgcg	atgctcatga	gctgtttctt	240
gttccgggag	tgaagccagg	ccttttccct	tctcttatgc	agagtaactg	ccactgcctg	300
ggactttcag	tcaacctcgt	gcgccaggca	c			331

<210> 2156

<211> 334

<212> DNA

<213> Homo sapiens

<400> 2156

aaattaacaa	tctaacatca	cacctagagg	aactagaaaa	acaaaaacat	actaacccca	60
aactggcaga	agaaaaaaaa	ataactaaaa	tcagagcagt	actgtacaga	attgagaccc	120
aaaaaaaaatca	tacaaaaaatt	caacaaaacc	aaaagggtgt	tcttccaaag	gataaacaag	180
attgatagac	cacaggctaa	attaacaaaag	aaaagagaaa	agatccaaac	aagcacaatc	240
agaaacaaca	aaagtgaat	taccatcaat	cccacaaaaa	tacaaaaaat	cctcaaaaaac	300
tattatgaaa	acccttatgc	acaccaacta	aaaa			334

<210> 2157

<211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 2157  
 agtgagccat gattgtgcca ccacactcca gcacaggcaa aaaagcagac cctattttcta 60  
 aaaaaaaaaa aaattaaaat taaaaacatt tttaaagaat gacatttcac aatgataaaa 120  
 tgacaaaccc atcatgatga tataataatt acaaacatat atgccctaa caacagagcc 180  
 tcaaaataca tgaagcaaaa gctgacagaa ttgaagagta aaatcatcaa tacaaaaata 240  
 atatttgag ccttcaatat cccactttca attatgaaca gaacaactac acagaaggtc 300  
 aatgaggaaa taaaagattg aataacactt caaacca 337

<210> 2158  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

<400> 2158  
 tacggttggt agnnnnnnnn nnngggtact gttttttctga gcacaggata taggaatcaa 60  
 tctgttctta ttttatattt caggtaatat ctcccagctg taatgatgac atcacagtga 120  
 aaaaggatca gtgtttagtt cgatcattta ttgattctaa attgtgagta atgaatcctt 180  
 taatgatggt acgtgggagg aaaaaaaaaa tagaattaca atgatagaca cctccccac 240  
 caaaacttta tttttaaaag tctaatactt catgaactga gaagttgtta cctaataagg 300  
 tttgactttt tgtaatgtag ggtatttttc actaataaat ttg 343

<210> 2159  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 2159  
 aggggggtgcg gcgcgggtcc tccatatgct gagcgccggt cccctgggccc cactttttctt 60  
 tctctatact ttggctctgt tgcctttctt ttctcaagtc tctcggtcca cctgaggaga 120  
 aatgccacga gctgtggagg cgcaggccac tccatctggt gcccaacgtg gatgctttcc 180  
 tctagggtga agggactctc gagtgtggtc attgaggaca agtcaacgag agattccgga 240  
 gtacgtctac agtgagcctt gtgggtgaag gtactctaca gtgtggtcat tgaggacaag 300  
 ttgacgagag agtcccaagt acgtccacgg tcagccttgc ggtaagcttg tgtg 354

<210> 2160  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 2160  
 gatataaatt aatatacaaa aatcaattgt atttctatac acttgcaatg aatcatccaa 60  
 aactaaaatt aagtaaacaa tttcatttac agtaacatca taaagagtaa aacattttacg 120  
 aataaattta acaaaaacat tttcaacata tactctgaaa actacaaaac attgttttaa 180  
 gagagtcaaa aatatctaca gaataggaaa agaagtcac attcacgaat aagaaggctt 240  
 gatattgttt aagatgacaa tattccccaa actgatctac agattcaaag cagtctgtag 300  
 cagaatccca gctgacc 317

<210> 2161

<211> 318  
 <212> DNA  
 <213> Homo sapiens

<400> 2161  
 gcatggatga ttttcaagga tagaccatgg ctaggccaca aaataagtct ttaaaaacta 60  
 aagaaaaaat ataattatgt caaatatctt ttccgattac acaggaaaaa gctagaaata 120  
 acaggaatgt tggaaaatat gaaaaataaa cagtatgaat gtcttgaatg actagtgaga 180  
 aaacacagaa attaagaaaa aataaaaaata aattgaaaca aatgagaatg aaaacacaac 240  
 atacaaaaac ctatgagata caacaaaagc agtactaaga ggaagggtta tggcaataag 300  
 tgcttacatc aaaaaagg 318

<210> 2162  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (234)  
 <223> n = A,T,C or G

<400> 2162  
 cccaggaggg ttggccggac acagtggtag tggctcacac ctgtaatcct aatgcttttg 60  
 gagcctgagg cgggaggacc ccttgagccc aagagggtcaa ggccacaatg agctatgatg 120  
 gtgccactgt actccggcct gggcagcaga gcaaaaccct gtctcanaag agagagagaa 180  
 agccgggtgt ggtggttcac acctgtaatc ccagcatttt gggagcccaa ggc 234

<210> 2163  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 2163  
 agataaataa ttgtgtcttt ccttgtgttc attctgagct ttatatatac ttaatgcata 60  
 acacctatca cattggacta caactaactg tttcttccct tctaggtaat gatctccaaa 120  
 atataaacat gatttatcac ttggcacatg atatttcata aatgcttggt gaacaaacaa 180  
 ataaaatact atcaaagggt ggaaggaagg aacaaaaggg aaatagtagt agatagtttt 240  
 tacctgcacg agttcattga ggacaacagc atcaaagcca gaaaggtagt gcacgtaata 300  
 cctctgcatt acaggtccgt atttcctcac atgtgctcta aggtc 345

<210> 2164  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 2164  
 cggtgtgtgc gatttcgatt ttctggaaat ataatttgtc actttaaaaa ttatgtaaat 60  
 tgctatttgg attaagtgtg agaaaacttt gttcatctta tgatcacaaa tattttcttc 120  
 tgaaaaaaa gctctctgaa gagttttttt tttcaatgaa ggggttttct ttcttctctc 180  
 catatgttat cttctgaata gctaagcaat gtttacatta tttattcagg cttttccatc 240  
 cactttcacg gattccactg aaggagaaat tgggtttgaa atcctctttt ctcaaaaact 300  
 aatgagtcac gcgggcccac gatgagctgt aacttctcaa gaggaaagaa ccccgtagaa 360  
 aactatagct ggaaggatct aggttgacct gtctgtgatt ta 402

<210> 2165  
 <211> 303

<212> DNA  
<213> Homo sapiens

<400> 2165  
gaaggaaatt ggaaaaaaa atttaaaca atgataatga aaacacaaca ttccaaaaac 60  
tatgagatgc aacaaaagca gtactaaaag ggaagttaat agatacaagt gcccacatcg 120  
taagagaaaa aaaacttgaa ataacctaat gatgcatctt aaataactag aaaagcaaga 180  
gcaaaccaaa cccaaattta tgagaagaaa agaaagaata aatatcatag cagaaataaa 240  
ttaaattgaa acaaagaaaa caatccaaaa catcaatgaa atgaaaagtt ggtgtgttga 300  
aaa 303

<210> 2166  
<211> 314  
<212> DNA  
<213> Homo sapiens

<400> 2166  
tcttcactga tgatatgatt ctatacctgg aaacccttaa acatttcacc aaaaagcttc 60  
tagacttgat gaacaacttc agtaaaagttt caggatacaa aatcaatgtg aaaaaatcaa 120  
taccatttct atacaccaat aatgtttaag ctgagaacca aaccaagaac ataattctcat 180  
ttacaataca cacacacaca cacacacaca cacacacaca cacacacaca cacagagata 240  
ggtatatatc tacgcggggg ggtgagagat ctctacagag agatctacaa cactctggtg 300  
agagaaatca gaga 314

<210> 2167  
<211> 320  
<212> DNA  
<213> Homo sapiens

<400> 2167  
ggcggcgcg gtcctccata tgctgagcgc cgggcccttg ggcccaacttt tctttctcta 60  
tactttgtct ctgttgtctt tcttttctca agtctctcgt tccacctgag gagaaatgcc 120  
cacagctgtg gaggcgcagg ccaactccatc tggtgcccaa cgtggatgct tttctctagg 180  
gtgaagggac tctcgagtgt ggtcattgag gacaagtcaa cgagagattc ccgagtacgt 240  
ctacagtgag ccttggtggg gaagggtactc tacagtgtgg tcattggaga caagggtgacc 300  
agagaggccc aagtacgtcg 320

<210> 2168  
<211> 313  
<212> DNA  
<213> Homo sapiens

<400> 2168  
gcggcgcggg tccctccatat gctgagcgcg ggtccccctgg gcccaactttt ctttctctat 60  
actttgtctc tggttgtctt cttttctcaa gtctctcgtt ccacctgagg agaaatgccc 120  
acagctgtgg aggcgcaggc cactccatct ggtgcccaac gtggatgctt ttctctaggg 180  
tgaagggact ctcgagtgtg gtcattgagg acaagtcaac gagagattcc cgagtacgtc 240  
tacagtgagc cttgtgggtg aagggtactc acagtgtggt cattgaggac aagttgacga 300  
gagagtccca agt 313

<210> 2169  
<211> 341  
<212> DNA  
<213> Homo sapiens

<400> 2169  
ggatctcgct ccgggtcccg cagtgggtcc cggagaggaa gcttcgacgc cacagggaaat 60

tcttctact	cttattccta	ctcatttagc	agtagttcta	ttgggcacta	gtagtcagtt	120
gggagaggac	gctatacctt	gacttcattt	ataagactat	ccactttatt	aagtagtaga	180
aaacaaaata	aagggtgctgt	gtttatgata	gacaagatat	tctcctgctt	acaacataac	240
ttaagacaga	tgggggggct	tttacgcac	gcgtctttcg	ggctctatgt	tctccttatc	300
ccaaaaattc	gattttccgc	gttgtgtata	taaagtgagg	g		341

<210> 2170  
 <211> 372  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 2170						
tacggctggt	agaatacgc	agaacgggat	tgtgtaagga	gaccaatcta	tttagatacg	60
agactaccta	tattctaact	ggatctctga	gctctgggca	gagccatcac	tggaaacctg	120
ggtctccacc	aaggggagaat	tattatgagg	ctagaccaca	cgatgctttt	acagagcact	180
taaaaaaaaa	tctttttttt	ttgagacaaa	aatttttttt	tttttgaaag	ggagtttggt	240
tttgtccccc	aggttgaagg	gtaaggccag	aatttaagct	cattgcaggc	tttgggcccc	300
gggttaaatgc	cgttttcctg	cctcaccctc	caaagtatct	ggaactacag	ggccccgcca	360
ccaaaccggg	tn					372

<210> 2171  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2171						
gcggcgcggg	tctccatat	gctgagcgcc	ggtccctcgg	gccactttt	ctttctctat	60
actttgtctc	tggtgtcttt	cttttctcaa	gtctctcggt	ccacctgagg	agaaatgcc	120
acagctgtgg	aggcgaggc	cactccatct	ggtgccccac	gtggatgctt	ttctctaggg	180
tgaagggact	ctcgagtgtg	gtcattgagg	acaagtcaac	gagagattcc	cgagtacgtc	240
tacagtgagc	cttgtgggtg	aaggtagctc	acagtgtggt	cattgaggac	aagttgacga	300
gagagtccca	agtacgtcca	cggtcagc				328

<210> 2172  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 2172						
acaacctgga	aagggtcttc	tcactacacg	gagtagtcaa	acagtcaaaa	atcaaagaca	60
aagacaaaat	tctaaaacag	caagaaaaaa	agtatctagt	cacttataag	ataaatccca	120
actgacaaac	aacaaatttc	tcaacagaaa	cctcacaggc	caggaaagaa	tgggttgata	180
cattcaaaat	gctgaaacaa	acaaaacaat	gccaaccaaa	aatactatac	ccagcaaggg	240
taacctttat	aaatgaaggg	aaaataaagt	atttctcaga	taagcn		286

<210> 2173  
 <211> 360

<212> DNA  
 <213> Homo sapiens

<400> 2173  
 aaaaccactt taatacagtt tcaagatata aatcaatgc acaaaaatca gtagcatttc 60  
 tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaatag 120  
 ccacaaagaa aatgaaatta tctaggaata cagctaacca aagagggtgaa agacctgtac 180  
 aaagagaacc accaaacact gctgaaagaa ttcagaaatg acacaaatga acagaaaaca 240  
 ttccatgctc atggattgaa agaataatg tcatttgaaa tgtccatact gcacgaagta 300  
 atttaaagat tcaatgctat tcctatcaaa ctaccaatgt cattcttcat aggattaaaa 360

<210> 2174  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 2174  
 aaaaccactt taatacagtt tcaagatata aatcaatgc acaaaaatca gtagcatttc 60  
 tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaatag 120  
 ccacaaagaa aatgaaatta tctaggaata cagctaacca aagagggtgaa agacctgtac 180  
 aaagagaacc accaaacact gctgaaagaa ttcagaaatg acacaaatga acagaaaaca 240  
 ttccatgctc atggattgaa agaataatg tcatttgaaa tgtccatact gcacgaagta 300  
 atttaaagat tcaatgctat tcctatcaaa ctaccaatgt cattc 345

<210> 2175  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<400> 2175  
 gcaagtaaaag caggtgcac taaaccagga aggagaacat acttggccct tgettcttcc 60  
 catttttgtt ttttctcatc aaaagctttc ttcataattt ggtaccactt tctgaaatca 120  
 aacctggct tatctgaaag aaataaaaac caagattatt aaccaaataa accacactat 180  
 aataatatac attgttcatc tgagttttca ttaattgact gcaactgggca gttgggtgtga 240  
 gtgtgtgtatc aagatgtaga cattagagag acaacagaac tgaatgcagt aaagtataaa 300  
 aactcactcc tcaactcttc actccatata gggattattc tccattattc tctggcga 358

<210> 2176  
 <211> 407  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

<400> 2176  
 cgttgtgtgc ggttgtctct ggtcactccc tttatagcca ttactgtctt gtttcttcta 60  
 actcagggtta ggttttggct tctcttgtct cactgcnnaa aaaaaaaaaa aaaaaaaaaa 120  
 aatttacccc cttaaaaaaa taaaaggggg gaaaaccctc cccccaatt tttgggggtt 180  
 ttgaagagga attttttttt tcccccttgg ggggaaaaaa attttttttt ttggccattt 240  
 taaaccccc ctttttttgg gggggccctt ttttgaaag ggcccttaa caaacctta 300  
 accgggggtt ttttaacccc gggggggggg gggggggcgg gcaaaaattt tttttggggc 360  
 ccttggcggg gttttttttt tttttaaaag aaattggggg ccccat 407

<210> 2177

<211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2177  
 aattctcaat aattaagtat agaaggaagg taccgccaaa caataaagac cacatgtgac 60  
 agactcacgg ctaacatcat attgaatggg gaatagctga aagtaagaac tggaaacagga 120  
 caaggaggcc cattttcact actgttttgt gatatgggtac tggaaatcct agtcagaata 180  
 attaggggaag agaaagaaat aagggggaatc caaattagaa agaaggaatt caaattgtcc 240  
 ctgttttcac aggacatgat cttatatata gaaaaaccta gactccacca aaaaactctt 300  
 agaactgata aacaaattca gttaaagtt 328

<210> 2178  
 <211> 305  
 <212> DNA  
 <213> Homo sapiens

<400> 2178  
 gggccccgga aatgcgtggt ctacgttttct gtgtgcttag gtgcccagagc tactgaggggt 60  
 ctaagtcagg gcagccgaag agtgtgggta gcaagatgaa caaagatgag cagatgagag 120  
 cagcgattaa ccaaaagttg atagaaactg gagaaagaga acgcctcaaa gagttgctga 180  
 gagctaaatt aattgaatgt ggctggaagg atcagttgaa ggcacactgt aaagaggtaa 240  
 ttaaagaaaa aggactagaa cacgttactg ttgatgactt ggtggctgaa atcactccaa 300  
 aaggc 305

<210> 2179  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 2179  
 cgtggctgtc gaccgtttat atgtttttct tttggctctga aatacttctg aacagaggtt 60  
 atttttttta gaaaaaggcc gagacggggc tttactatgt tgcccaggct gctgtctaac 120  
 tcctgggctc aagcgatcct tctgccttgg cctcccgaag tgctgggatt gcaggcataa 180  
 gctaccatgc tgggcctgaa cataatttca agaggaggat ttataaaacc attttctgta 240  
 atcaaatgat tgggtgtcatt ttcccatttg ccaatgtagt ctcaattata aaaacaaaca 300  
 gaaacaaaaa cgggaaattt ccttcaacgg cctttatttg gggtaaaggg gatccttaac 360  
 cccctttttt atggaactct caaagcgggg tccg 394

<210> 2180  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 2180  
 gagtgcggtc acatacttcc agaagagcgg accagggtct ctgccagcac ctgccactca 60  
 gagcgctct gtcgctggga ccttcagggt aggacagctc ccaacgctgt ggggactctc 120  
 agcaaaaactt ctccttcctt tccacggctc tgcttcttct gacctcatct tagctttgct 180  
 ttttattttt ttccttcgct atttttctat gatcctctaa gaaccaagtc cttgaaactt 240

<210> 2181  
 <211> 398  
 <212> DNA  
 <213> Homo sapiens

<400> 2181  
 gggaaacttct gtgttatttt actcttaaaa ccaaaactcta ccttttcttg gtgttttttt 60



tttttttttt	gggaaccctt	caaattcagg	cāaagaaggg	ggttaatttt	aaaaaccagg	120
gaaaaaacgg	ccccccatt	tggttgacga	agggttttta	gggcctaact	gggccccagg	180
gcacaccg	gccaaattaa	gcccgggaatg	ttgcccgggc	ccgaaaaagc	ccggggcccc	240
tgtttcttta	tggggaatta	aagggcgggg	ggtaaaggaa	ccattccttt	ttctgggaaa	300
taaaaaccgc	aaagttgcc	tggcccggcc	ctttttttgt	ttcggggaat	ccaatggggg	360
ggaacttggg	gaaaacgggc	cttgggaaaa	aaaaaaaa			398

<210> 2182  
 <211> 310  
 <212> DNA  
 <213> Homo sapiens

<400> 2182						
ggattgctct	agctatttgg	ggtctttcat	gattccctat	gagttttagg	atTTTTTTTc	60
tatttctgta	agaatgtctt	tggtattttg	atagggattg	tgttggatat	gtagattggt	120
ttggatagta	tagagatttt	aataatattc	attcttctag	tccatgagtg	tgaaatatat	180
ttccattttt	ttgtgtcctc	ttcaatttat	tttatcagtg	ttttgtaggt	tttcttttag	240
agatttttca	cctctttgat	ttaattttatt	cctgttttgt	agctattgta	aatgggattg	300
ttttcttgat						310

<210> 2183  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(226)  
 <223> n = A,T,C or G

<400> 2183						
tgnnntttnt	atnttactta	cagaccgaag	cctcaacatc	actttttttt	accctgcggg	60
aggaggagac	cccattctat	accatcacgt	attctgattt	tgggggtggc	ctgaagtttt	120
ttttttattc	tatctggctt	cggactaatc	tccattttgt	gtggtgttat	tctggccaga	180
atatccattt	ttttacattg	ggtgcggcct	gggcttcctt	gtactg		226

<210> 2184  
 <211> 403  
 <212> DNA  
 <213> Homo sapiens

<400> 2184						
tgacgctacc	agctgagtta	caagagaaaa	tgatcacatg	catcagaggg	ttggagaaaag	60
ctaaagtgat	tcagccaggc	tacgggtgtc	agtatgatta	cttagatccc	cgtcagatca	120
ccccttcctt	ggagactcat	ttggttcaac	gactcttctt	tgctggacag	atcaatggca	180
ccactggtta	tgaggaagct	gcagctcaag	gtgtgatagc	cggaatcaac	gccagtcttc	240
gggtcagtcg	caagcctccc	tttgtggtta	gccgaacaga	aggttacata	ggagtcttga	300
ttgatgacct	cactactctg	ggcaccagtg	aaccataccg	catgtttacc	agccgagtag	360
agttccgttt	gtcactgcgc	cctgataaat	ctgacagccg	gct		403

<210> 2185  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 2185

cggttgctgtc	gcgacctgct	tctgggtcgg	ggtttcgtac	gtagcagagc	agctccctcg	60
ctgcgatcta	ttgaaagtca	gccctcgaca	caagggtttg	ccgttgctgt	cgctagcagt	120
ggaagaagac	tgaatatctc	gtataaccaga	aacatgactc	ttaaagatgg	taaaaacaat	180
gtagccatag	ctgtaacgta	taaccatgat	gggtcttata	gcatgcagat	tgaagataaa	240
actttccaag	tccttggtaa	tctttacagc	gagggagact	gcacttacct	gaaatgttct	300
gttaatggag	ttgctagtaa	agcgaagctg	attatcctgg	aaaacactat	ttacctattt	360
tccaaggaag	gaagtattga	gattgacatt	ccagtcn			397

<210> 2186

<211> 307

<212> DNA

<213> Homo sapiens

<400> 2186

ggctgactct	cttttcggac	ttagcccgcc	tgcacccagg	tgaataaaac	agccttggtg	60
ctcacacaaa	gcctatttgg	tgggtctctc	acatggacgt	gcatgacatt	gggtgctgaa	120
acccgggaca	ggaggactcc	ttcggggagac	cagtcacctt	cccctgtcct	cgccctcact	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaacatctc	240
atgaatttca	aattggatct	tcttgactta	gcagctgaag	actgatgctg	cccgattgcc	300
ttggaaa						307

<210> 2187

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2187

aaagaccatt	atggggccact	ggacaaacac	atgaatacac	agaccattga	cactataaaag	60
caaccacaca	ctcgagagga	cagtaataat	tagctgacga	cacaagatca	ggatcagagc	120
cacacctata	aactctaacc	ttgaatgtaa	atggcataaa	tatcctgatt	aaaaggcaca	180
gagtggcaag	ctggataaag	aagaaatacc	caatcgatatg	ttgtcttcaa	gagacccatt	240
tcacatgcaa	tgacacacat	aggctcaaaa	taaagggaag	gagaaaaatc	tggcacccaa	300
gaggaaaaca	gaa					313

<210> 2188

<211> 364

<212> DNA

<213> Homo sapiens

<400> 2188

tgcgtccaga	ggacctgtcc	ggcagcacct	ccatgcctga	gcccagcca	gggctcatgt	60
gaaggctcct	gaagtaactc	caagcccaga	ggagcagtgg	gacaaggcag	ggagacaggg	120
gcggcaacgc	gagctcttca	ggggaggctc	ctggactgcc	taagcattgt	tcctcccacc	180
cactgggcag	aggcccccta	cccccaggca	gcgccagctg	gaccaagcca	ggaaccacga	240
gccagcggcc	tgagcactca	cgggtctcca	catcctgcac	gtagaagtgc	aggctcatcg	300
tgatctcagt	cacaaacacg	ggcttgtagc	tagcagatcg	ctccttgtct	cagcactggc	360
atca						364

<210> 2189

<211> 176

<212> DNA

<213> Homo sapiens

<400> 2189  
 tgggaggggtg aggagggcat atcacttgaa tccaggtgtt cgagatcagt gtggacaaca 60  
 tgatgaaacc ctgtctctac caaaaatact gaaattagct gtgcatgggtg gcactcgcct 120  
 gtagtcccag ctatttgggg gactaggcca gaggatcact tgagccaggg aggttg 176

<210> 2190  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(178)  
 <223> n = A,T,C or G

<400> 2190  
 ttggaaacca cagtttcatg cccatcgctc tagaattaat tcccctaaaa atctttgaaa 60  
 tagggcccgt atttacccta tagcacccc tctagagacg ggggncnnan natntntn 120  
 nnnaaaaagg ggggtgtttt aaggaccca acagatgagc tccgctctgc agctggcg 178

<210> 2191  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 2191  
 agtgggcatg gctggggctg cacactccat ggagccaacg gaagccaaga acaggcggga 60  
 gccctactcc cttctgagtt ggcagggcca gtgcagctgc agccaaccag ctgtagctgt 120  
 ggaccagggc atccctgcac tcttgactca ggaagcccc tgccccaca ggctcaaaaa 180  
 tgctgtctcc cactgcctgg cctcttctctg ttctgtgtgc ccgctccaat tttggagcaa 240  
 agttgaggct gagcccaggc actgtcgcaa cctgccacag tgcacgcagt ctcagggcag 300  
 cactgataca ccagccccct gccaaacttg ccctctctgg gctttgggca gaga 354

<210> 2192  
 <211> 313  
 <212> DNA  
 <213> Homo sapiens

<400> 2192  
 gtgatccaca cacctcgccc tcccaaagtg ccgggatgac aggtgtgagc cactgtgcct 60  
 ggcctgaaat gattatgtct ctatgtataa ataaatgaaa atcaaggcca ggcacgggtg 120  
 ctcatgtctg taatcctatc actttgggtg gccgtggcag gtggatcaca aggtcacgag 180  
 ttcaatacca tcctggccaa tatgatgaaa ccccatcttt attagaacta cccatattta 240  
 tccggtcgtg atggagaaaa cctgtagtcc cagctactcc ggaggctgtt ggaataactt 300  
 ttttaattct tct 313

<210> 2193  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 2193  
 tgttgcatgc gaggactgca acagcccact gacagcactg gacagatcac cgcagaaaac 60  
 taacaaattc tcgacttaaa ttgaagtttt gaccaaatgg acgtaatata cacgtacaga 120  
 ataccctacc caacaaccac agaatacaca ttttactcat ctttgcattg tctaaaaatg 180  
 accacatgct cagtcataaa gcaagtctca ataaattcaa aaaagcagaa atcataccaa 240  
 gcatctgttt ggaccacagt tgaataaaat tagaaatcaa taccaagaat aactctgaaa 300

gccacgtaag tacatggaaa tgaaacg

327

<210> 2194

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2194

agataaacat	aaatggaaag	atatcttgtg	ttcatggatt	agaaggctta	acattattaa	60
aatagctata	ctaccacaaa	caatctacag	attgttattc	caatccaaat	cccccagta	120
tgttttacag	aaatagaaaa	caccatccta	aaattcagat	gcaatgacaa	aagagcaata	180
gccaaagcaa	tctcgagaag	gaaaaacata	gttggaggta	tcacatttcc	tggtttgaaa	240
atagattaca	aagtcattgt	aattaaaaca	gtatggcaca	ggcataaaga	cacatataga	300
ccaatgggaat	agaatacaaa	gcccagaatg	aaattcacac	acatatggtc	aactgccttt	360
gacaaagggt	cgaanagtac	acaacag				387

<210> 2195

<211> 256

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 2195

accttactac	cagacaacct	tagccaaacc	atttacccaa	ataaagtata	ggcगतagaa	60
attgaaacct	ggcgcaatag	atatagtacc	gcanaaaaaa	aaaaaaaaaa	aaaaaccttt	120
ggggggcggt	tttttcggaa	atcccaaccg	ggaaaaaacc	ttgggggggg	tgggcccacc	180
ccccctaaa	agggcgggga	aaaaagggtt	tttttgggaa	attgggaggg	ctttgggttt	240
tttgggaccc	cataaa					256

<210> 2196

<211> 330

<212> DNA

<213> Homo sapiens

<400> 2196

gttccttaga	acgtgcaatg	ccacagtcag	agacgttcaa	actggaagcc	aggacaacaa	60
gatgctgact	taaagctgtg	gacagccttc	tccaagatgg	cagaagaaga	ctccatgtca	120
taatgactct	taccoccttt	aatttttttt	tacttatgcc	tgccctcttc	acttggaag	180
aaaatgctgg	caccacaatt	tcacaattcg	catcttttgg	ggaaaaaagg	ctggatgggt	240
caccoccttt	tagctgctgt	tatttgttta	ttttggcgcc	cgcctttttt	acttggcgtg	300
aagagggctg	ctcttttaaaa	tttccacacc				330

<210> 2197

<211> 319

<212> DNA

<213> Homo sapiens

<400> 2197

ggtacaagtg	tccaatggtg	ctatatattctt	tccctgattttt	tggctaccct	aaatccatta	60
tgcagatagg	gctgggtgttc	tgccagtttg	cacatcttcc	cactaaggta	tgctctgttg	120
tatctttcag	gcttattcaa	acctccttag	agctaacatg	gatgggttga	agaagagaga	180
caaaaagaac	aaaactaaga	agaccaaaagc	agcagcagca	gcagcagcag	cacctgccgc	240
agcagcaaca	gcagcaacaa	cagcagcaac	aacagcagca	acagcagcac	agtaaagggc	300
atacatttcc	tgctttcac					319

<210> 2198

<211> 380

<212> DNA

<213> Homo sapiens

<400> 2198

tactacggtt	gcgacatgac	gacagacagt	gatcagggcg	cacacacccc	aactgacagg	60
cggtgcctct	gctggcttat	atgtgcttgt	ctggcagcta	tggctagagc	tgtggccctc	120
ccaacctgca	actggcgatc	tgacaacggg	cagacgcgtc	tcctctagt	tttccgtgac	180
ccctgacccg	cgagcacgct	atctgggagg	caccccttag	tatgggcaga	ctgacacctc	240
acacggccgg	gtactcctct	gagacaaaac	ttccagagga	acgatcagac	agcagcattc	300
gtggatcacg	aaaatccgct	cttctgctgc	caccactgct	gtgacccagg	caaacagggg	360
ctggagtggg	cctctagcaa					380

<210> 2199

<211> 346

<212> DNA

<213> Homo sapiens

<400> 2199

attttttctct	tccccaccac	agcatctttg	cgtgtgtgtg	tggcggggtg	ttggaggggg	60
caagttaagc	ctcattccct	ataatttgga	acattccttc	ggatttgatc	gagtcagata	120
gagttggtca	aaccctaatg	gaaaaagact	aaaggaacta	caaaacagaa	acaaacaaat	180
gacaacaaca	acaaaaaaac	aggtaagcaa	aacaaacaat	caattgcaca	acttatacaa	240
ttagttagca	ctctaattgt	aaggagaaat	taagtccagc	tggttggtta	tcttaacttt	300
ggccaagaca	aaccctcagtt	cagttactta	cctgcagacg	ggtctc		346

<210> 2200

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 2200

cactacctat	aaaatcccaa	acataataact	gaactcctca	cacccaattg	gaccaatcta	60
tcaccctata	gaagaactaa	tgttagtata	agtaacntgg	agaaaagggc	cattttttgg	120
aattaatagg	ggggggggtt	tttt				144

<210> 2201

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2201

atctgtgaaa	agatatattg	taacacatta	aggcctatgg	tgaaaaagga	aatatcttca	60
gataaaaacc	agaaagaagt	tttcttagaa	actggttttg	cttgtgtgca	tttatctcag	120

agagttaaaa	ctttcttttg	attcagcagt	ttagaaacac	tgtttttgtc	cattctgtga	180
atggacgttt	gggagctcat	tgaagccaac	gtcaaaaagg	tgactaaccc	aggattaaaa	240
cttgaagaaa	gctatctgag	aaatagcttt	ctgatgtgtg	cattcatctc	acagagttaa	300
aactttctct	tcattc					316

<210> 2202

<211> 366

<212> DNA

<213> Homo sapiens

<400> 2202

aaagatctca	atgaaggatc	taacatcaca	cccagaagaa	acagaaaaac	aagaggaaat	60
caaccacaaa	gctagcagaa	aaaaagaaat	aaccaaatac	agagcctatt	tgagtgaat	120
ggaaatgaca	aaaagatata	aaaaatcaag	gaaactaaaa	attgtatttt	tgaaagacta	180
aataagattg	atacaccagt	aactagacta	atacagaaaa	aaagagagaa	gatccaaata	240
aacacaatca	taaatcacia	ggaggacact	aacaccaacc	ctacagaaat	acaaaagatt	300
tctcacagac	tattatgaat	tctctatgca	cacaaagtgg	aaagccagaa	gaattagata	360
aattct						366

<210> 2203

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (451)

<223> n = A,T,C or G

<400> 2203

gtcgtggagg	tgatctggc	aattttatgg	gtcgcggagg	gaactttgga	ggagggtggag	60
gtaatttttg	ccgtgggtgga	aactttggtg	gaagaggagg	ctatgggtgg	ggagggtggg	120
gcagcagagg	tagttatgga	ggagggtgatg	gtggatataa	tggtatttga	ggatgatggcg	180
ncnctatcg	cggcgccctt	ggcccttgcc	tcctggcctg	ctatcctggc	ggcgcgcccc	240
cctgtctccc	ccacgcgctt	cgccttggtg	gtaccgcggag	gatttccactc	gaacgtcctc	300
cacggcctgt	tgccgccttg	tccttttcgc	ggcctccctt	tctcctgggg	cccattctgc	360
cggagaatng	actatctctc	ccccctgaca	ctagcttccg	tcactccctg	accccgcan	420
ctatctcttc	ctcccaccgg	ggccccccac	n			451

<210> 2204

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (385)

<223> n = A,T,C or G

<400> 2204

ttagcagaaa	cgatagcctg	ttatagtgga	cagcttgctg	ctctgacgga	tgaaaacaca	60
acgctccgtt	ctaaactgga	gaagcaaaga	gagagcgggc	aaagactgga	aacagaaatg	120
caatcatacc	gttgtagact	gaatgctgct	ctatgtgate	atgatcaaag	tcactcatca	180
aaaagagacc	aagagcttgc	tttccagggc	acagtagata	aatgttgtca	tttacaggaa	240
aatttgaatt	ctcatgttct	gattctttct	ctgcaacttt	ctaaagctga	gagtaagttc	300
agagtcctcg	aaactgagct	ccattacaca	ggagaggctc	tgaaagaaaa	ggctttgggt	360
tttgaacacg	ggcaaaggga	gctan				385

<210> 2205  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 2205									
cggttgctgtc	gggcaagcgt	tcgatttttt	gtcgttggat	cgcgagcggg	gtctgcttgt				60
gccgcccagg	gtccccagga	cagggcaggg	atctaggggg	tttgccgacc	tgctttttta				120
tgccccgccc	cccctttttt	tttttaaagg	gggggggggtg	aaagtgaggg	aggaaaaggg				180
acaaaatact	gactggaacg	taaattcgag	catttcttat	gcgaagagcg	gataaccagt				240
tccggattct	tttttaagtt	tctccattag	ataaatttaa	ttttcaaagg	ctccggtttg				300
caggctaaat	tttgaaacta	gcccgggggt	tggcaaaatt	tgactgaatc	ctgggggggag				360
aggctggacc	cacgcccacg	ggtatctaga	atattgagcc	cggcagttca	aaccagg				417

<210> 2206  
 <211> 410  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (410)  
 <223> n = A,T,C or G

<400> 2206									
cggttgctgtc	gggcggggggt	cggggagaag	cggcgggggtc	gcgggacagg	agaagcggag				60
gaagagtatg	tggggccccc	gctgagccga	cggattttgc	agcaagcacg	gcagcaacag				120
gaggaactcg	aggccgagca	tgggactggg	gacaagcccc	cggcgcccg	ggaacgcacc				180
acgcggctgg	gtccaagaat	gcctcaggat	ggatcagatg	acgaggacga	ggagtggccc				240
accctggaga	aggctgccac	aatgacagca	gcggggccatc	atgcagaggt	ggttgtggac				300
cctgaggatg	agcgtgccat	agagatgttc	atgaacaaga	accctcctgc	caggcgcacc				360
ctggctgaca	tcatcatgga	gaagctgact	gagaagcaga	cagaggttgn					410

<210> 2207  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (413)  
 <223> n = A,T,C or G

<400> 2207									
ggcacgagag	gcactgagtt	catttcaactg	acacggcccc	tggactccca	cctagaacat				60
gtggatttta	gttctctatt	gcactgtctc	agttttgaac	agatacttca	gatctttgcc				120
tctgccgtgc	tggagagaaa	aatcatcttc	ctggcggaag	gtctcagcac	cttgtctcag				180
tgcattccatg	ctgctgccgc	actgtctctac	cccttcagct	gggcgcacac	ctacatccct				240
gttgtccctg	agagccttct	ggccaccgtc	tgtgtcccca	cccccttcat	ggttggagta				300
caaattgcgt	tccagcagga	ggtcatggac	agccctatgg	nagaggtcct	gctggtcaat				360
ctttgtgaag	gaaccttctt	aatgtcggtt	ggtgatgaaa	aagacatcct	gct				413

<210> 2208  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2208  
gccaacagta agtttttttac aatagccatc ctaatgagtg tccatatacg gttttttttt 60  
tttgggttga aaggggagtc ggttttgttc cccagcctga agggcagggg ggcaattttt 120  
gttaattgaa aactccgctt ccaagggtta cgcatttttc tggcctaacc ctccaaggta 180  
gctgaaacta caaaggcccc cccccacccc gggctaattt tggattttta agaacaaacg 240  
gagttttatt acgtgggccc ggtgggtcta aaactccgga cctaagggga cccccccgcc 300  
tggccctccc aaggggcccgg aataacgg 328

<210> 2209  
<211> 327  
<212> DNA  
<213> Homo sapiens

<400> 2209  
cactgcaagg tccacctccc ggggttcacgc cattctcctg gctcagcctc ctgagtagct 60  
gggactacag gcgcccgcga ccatgaccgg ctagtttttt ttggattttt agtaaagaag 120  
gggtttcacc gtgttagcca tgatggcttc gatctcctga cctcgtgatt tgcgcgcctc 180  
agcctcccaa agtgcctgact ctgtgcgagg gcagtttgta atcggactga tgcgtgcttc 240  
attcgagtta ttggatctga gcttgtacag aaatacgtcg gtgagggggc tcaaatgggt 300  
cgtgaactct ttgaaatggc cacaaca 327

<210> 2210  
<211> 397  
<212> DNA  
<213> Homo sapiens

<400> 2210  
cggttgctgtc gctccctatc taccctcacc ccacgagaca gccccttcag gtatgtgtgt 60  
gtgtgcatgt gtgtgcatgt gtgtgcatgt gtgtgcaggg gtgtgtgtgt gtgggggggg 120  
ttcccaaata ttccagggcaa gggaccagtc ggaagggatt ctggctattg ggggagccca 180  
gagacagggg aaggcagcct gtccatctgt gcataaggag aggaaagtcc cagggtgtgt 240  
atgtttcagg ggcttcacat ggaggagctg cagatagata tgtgtttctg tgtatgtgta 300  
tgtctgcctt tttttctaag ggggggcttc tacaggcttt tgaaagtaag gtggaagtgg 360  
taaggctgat aagaaaaaac aaacttattt tgtagcg 397

<210> 2211  
<211> 337  
<212> DNA  
<213> Homo sapiens

<400> 2211  
a'acaaaacaa ttatcagcca agaattttgt atccagtcct atgtttgccc tctttaaaca 60  
aaacaattat cagccaagaa ttttgtatcc agcaaaacta ggcttcataa atgaaggaaa 120  
gataatcttt cagacaaaca aatgctgaga gaatttgcca ctaccaagcc aacactataa 180  
gaaatgctaa aaggagctct aaatcttgaa acgaatcctc gaaatacaca aaaatagaat 240  
gttcttaagg cataaatctc acaggatcta ttaaaacaca cacacacaca cacacaatga 300  
aaaaaaaaca caaggctttt aggtaacaaa taccacg 337

<210> 2212  
<211> 334  
<212> DNA  
<213> Homo sapiens

<400> 2212  
gaacaaacca acatttgagc caggaataac tagagaggaa caatgggggtt attcagaggt 60  
tttgttttcc tcttagttct gtgcctgctg caccagtcaa atacttcctt cattaagctg 120



aataataatg	gctttgaaga	tattgtcatt	gttatagatc	ctagtgtgcc	agaagatgaa	180
aaaataattg	aacaaataga	ggatatggtg	actacagctt	ctacgtacct	gtttgaagcc	240
acagaaaaaa	gatttttttt	caaaaatgta	tctatattaa	ttcctgagaa	ttggaaggaa	300
aatcctcagt	acaaaaggcc	aagacatgaa	aacg			334

<210> 2213

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2213

gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
cattttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggt	ttttgtagaa	cc				322

<210> 2214

<211> 295

<212> DNA

<213> Homo sapiens

<400> 2214

gctaaaccta	gccccaaacc	cactccacct	tactaccaga	caaccttagc	caaaccattt	60
acccaaataa	agtataggcg	atagaaattg	aaacctggcg	caatagatat	agtaccaaaa	120
aaaaaaaaaa	aaaaaaaaaa	aaaagggggg	ggttttttcc	ggaaacccca	aagggaaaaa	180
aacctttggg	ggggggggaa	aacccccctt	taaagggggg	ggaaaaaaag	ggttttttgg	240
gaaaattggg	gaggggtttg	ttttttttga	aaccattaaa	aggggggaaa	aaaaa	295

<210> 2215

<211> 314

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 2215

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tgactagtac	catataatcg	cctttaattc	ttaaactagt	tcacgtcata	cattttaatt	120
atcctagtct	ctgtaattga	tatttatcat	gaagattgca	ttgctcttat	ttcagaaaaa	180
tatgttgaga	aacttttttg	agtaaacaaa	gatcgaatgt	caatggacca	gatggctgtt	240
ctccttgtta	gcaatatcaa	tgaaagtaaa	ggtcatagta	agtacatata	taantgtgtg	300
tgtgtgtgtg	tgtg					314

<210> 2216

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2216

actgaatgac	tgattggtca	atgaaaaaaa	ttaagaagaa	aaatttttaa	attcttttaa	60
caaatggaaa	tggagacaca	acataccaaa	gcctatggga	tacagcaaaa	gcactactaa	120
gaggaaagtt	tatagcaaca	agtgcctaca	tcaaaaaagt	agaacttcca	ataaacaact	180

taatgatgca	tcttaaagag	ctagaaaacc	caaatagtag	aggaaaagaa	atagtaaaga	240
ccagagcaga	aaaaaataaa	attgaaatta	aaaaattaca	aaagatcaat	gaaacaaaaa	300
gttgatggt	tga					313

<210> 2217  
 <211> 332  
 <212> DNA  
 <213> Homo sapiens

<400> 2217						
gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
catttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggt	ttttgtagaa	cctgtgaagg	gg			332

<210> 2218  
 <211> 327  
 <212> DNA  
 <213> Homo sapiens

<400> 2218						
gatatactta	gaacatttta	tccaacagca	gcaggacaca	cattcttctt	gagagcagat	60
gagacattct	ccaggacagc	ttatcttttg	gaccacaaca	caagttttaa	aacatttaag	120
aagactaaaa	taatatcaac	tatcttttcc	aattgcaata	gtatgaaact	agaaatcaat	180
aataggggga	aaactagaaa	acacaaatat	gtggaaatga	aacaatgcat	tcctgaacaa	240
tcaatgggac	aaaagaggaa	tcaaaatata	aattaaaaat	taccttgaac	caataaaaaat	300
ggaaacacaa	cacatcaaaa	cttgttag				327

<210> 2219  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 2219						
tcccatcgat	tcgaattcgg	cacgagctgg	cccggtgggc	ccagagctgt	ggcgcgctcg	60
ttgtgagtca	cagctctggc	gtgcaggttt	atgtggggga	gaggctgacg	ctgcgcttct	120
gggcccgcgg	cgggcgtggg	gaaaaaaaga	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa	aaaaactttc	tccaaaaaaa	aaagaaatgt	atcataagcc	240
atgcaacaat	tacaaacgca	cacgctgggt	ctcccaacaa	acacaaaacc	aaaatatttt	300
acaaagcttt	tcttttgtaa	aagaccaga	cccacttatt	aataggaaac	ccaaaaaagg	360
gcaacaagca	aacaaaacac	agctttacca	cttgtataag	tgtgacctac	agggggg	416

<210> 2220  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 2220						
ggtcttttca	acaacaatat	tcaccaattc	ccaggattga	agtggatggt	ccctttggca	60
cagccagtga	ggatgttttc	cagtatgaag	tggctgtgct	ggttgaggca	ggaattgggg	120
tcacccctt	tgcttctatc	ttgaaatcca	tctggtacaa	attccagtgt	gcagaccaca	180
acctcaaaac	aaaaaagatc	tatttctact	ggatctgcag	ggagacaggt	gcctttttct	240
ggttcaacaa	cctgttgact	tccttgaac	aggagatgga	ggaattaggc	caagtggggt	300
ttttaaacta	ccggttcttt	ctcaccggat	gggacagct			339

**Table 1**

Variable	Mean	Standard deviation	Minimum	Maximum
Age	60.78	9.15	40	80
Gender	Male = 1 Female = 2	1.00	1	2
Marital status	Married = 1 Single = 2 Divorced = 3 Widowed = 4	1.00	1	4
Education level	High school or less = 1 Bachelor's degree = 2 Master's degree = 3 Doctorate = 4	1.00	1	4
Income	\$10,000-\$19,999 = 1 \$20,000-\$29,999 = 2 \$30,000-\$39,999 = 3 \$40,000-\$49,999 = 4 \$50,000-\$59,999 = 5 \$60,000-\$69,999 = 6 \$70,000-\$79,999 = 7 \$80,000-\$89,999 = 8 \$90,000-\$99,999 = 9 \$100,000+ = 10	1.00	1	10
Health status	Excellent = 1 Very good = 2 Good = 3 Fair = 4 Poor = 5	1.00	1	5
Exercise frequency	Never = 1 Once a week = 2 Twice a week = 3 Three times a week = 4 Four times a week = 5 Five times a week = 6 Six times a week = 7 Seven times a week = 8 Eight times a week = 9 Nine times a week = 10 Ten times a week = 11	1.00	1	11
Stress level	No stress at all = 1 Low stress = 2 Moderate stress = 3 High stress = 4 Very high stress = 5	1.00	1	5
Social support	No support = 1 Little support = 2 Some support = 3 A lot of support = 4 Plenty of support = 5	1.00	1	5
Life satisfaction	Not satisfied at all = 1 Slightly dissatisfied = 2 Neutral = 3 Slightly satisfied = 4 Satisfied = 5	1.00	1	5

<211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 2225  
 ttacacatca gttttctcaga agacttcttt ctagttttta tctgaagagg cttccttttt 60  
 taccatgggc ctcaatgctc agtgaaatat tcctttgcag atcctacaaa aacagtgttt 120  
 ccaaacagct gaatgaaaag aaagggttaa ctctgtgaga tgaatgcaca catcacaaag 180  
 cggtttctca gataggtttc ttcgagtttt tatcctggga tattcgctcc ttccgcatg 240  
 gcctcaatga gtcctaaaat atccattctc agaatggaca aaaacagtggt ttccaaactg 300  
 aggaatccaa agaaagggtt aactctgg 328

<210> 2226  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 2226  
 ctaaaaatca atgattggag gaatttgga aactatacaa atacatgaaa attaaacaat 60  
 atgcttctga atgaccagtg ggtcaatgaa gagattaaga agaaaattaa aaattttctt 120  
 gaaacaaaca acaatgaaaa caaaatatag aaatcctatg ggatacagtg aatgcagtac 180  
 taaaaggaaa gtttatagtc ataagtgcct aaatcaaaaa atggaaaaac ttcaaataag 240  
 ccatgaaatg atgcatctta aaaaagtaaa aaagtaatat caatctaaag tcaaagttag 300  
 tagaataaaa tgagatcaga gtagaagtaa atggaattga aatgaaaata atacaaaaga 360  
 tcaatgaaac aaaaagctgc attaaaaaat 390

<210> 2227  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 2227  
 ttggtgggaa attcaatact ctaagcatta gactgttgat ctagaatatt aacagatgaa 60  
 cactgtattt aaactgcaca taggaccaa tggacctaac agatatttac agaacatttc 120  
 atctgacagt tacagaacaa acattcttct catcagcaca tgaaacattc tccagaagag 180  
 agcatatgtt aggacacaaa gcaagtctca acaaattaa aaaattgaaa tcatattgtt 240  
 tcttctcaga ccacaataaa ataaaactag aaatcaataa caagaggaac tagggaaact 300  
 gtacaaatac atacaaatta aacaacatac tcctgg 336

<210> 2228  
 <211> 384  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 2228  
 cggtgctgtc gaattcggct ggcgtttccg agaccgcgga ctcccgtagg gtccccgtgg 60  
 ccccgagttg tagtcgggac accccggccg cgggtgatcg tcgggtctcc acgcgcccgg 120  
 gtcgctgacg cggatccggc ctccggcgcct tctcagggcg ccctgcaagg ccgcaggcag 180  
 gatgaacatt ctggcaccgg tgccggaggga tcgcgtcctg gcggagctgc cccagattta 240  
 agatctccaa ggtcattgtg gtgggggacc tgcgggtggg gaagacttgc ctcattaata 300  
 ggttctgcaa agacacctt gataagaatt acaaggccac cattggagtg gacttcgaga 360  
 tggaacgatt tgagggtgctg ggcn 384

<210> 2229  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 2229  
 tcagtagcat ttctataggc caacagtgaa caatatgaaa atgaaatddd aaaaagtaat 60  
 cccatgtaca ataaccacac ataaaaattaa atacctagga attaacttaa ccaaagaagt 120  
 gaaagatctc tataataaaa actataaaac gctgatgaag gaaattgaag aaaataccaa 180  
 aaaatggaaa aacattccat gttcatgtgt tggaagaatc aatgttgcta aaatgtccac 240  
 actaccctaa gcaatctaca gattcaacgc agtccctatc aaaatactgg acatttttca 300  
 cagaaataga aaaaacaatt ctaaaattta tatgaaacca cagaagaccc agaatagcca 360  
 aagctaccct aagcaaaaata a 381

<210> 2230  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (450)  
 <223> n = A,T,C or G

<400> 2230  
 gtactggctt ttgaaaagac ccnacgaaag ctgcgcgnnn nttttgtgcg aagcggccta 60  
 cggtttttag aagacaacag aagggtggta aaatcactga ggctttacca aaagggttatg 120  
 gggacaatgc acctaaaaaa atcagcagtt tacaatgga taacttgtaa caagggaaaa 180  
 gatgacgtta aagatgaagg ctgcagcagc aggacatcca catcaatttg caaggaaaga 240  
 aattaatcct ctttgtgccc taactgaaga gtcagccagg tgtgggtggct catgcctgta 300  
 ataccagcac tctgggaggt caaggcaagt ggatcacttg aggtccagag tttgagacca 360  
 gcttggccaa cctggtgaaa tccattctct actaaaaaaa tacaaaaatt atccattcat 420  
 ggtggcgcac gcctatatgt ccatctactt 450

<210> 2231  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 2231  
 tttatcaaag tcccacgttc ccaggaggag cctgggaagg ggtccttttg gcgaatagac 60  
 cctgcctctg aagccaagct cgtggaacag gcattccgga aacggaggca gaggggtgtc 120  
 tcttgcttcc gcaccccctt cgggcctctg tctcaaggt aaagttctct gagcgcccg 180  
 cctccagctg ttaggaaagc tgagctgccc tggagtttag agatacgtgg cgcagtcagc 240  
 cctccggatc tgtgggctca ggctcagtg acggg 275

<210> 2232  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 2232  
 cgttgtgtgc gattttaaca agctctttgc tagagagact gcagtgacag atggttggga 60  
 gtttgccctt aaagctgtga caccaatctt ctaatgagca tatttgttct gggtcgccct 120  
 gccagattct ttctctattt cagaaaggga caacagaata agtgacttca aaagaagacc 180  
 atgaggaaga gatggatgaa gatataaag acttagatca ctatgagatg aaagaagagc 240

ctattattga	gaacaagttg	gaggatgaag	gaactgaata	agaaaattgg	gcaatattat	300
agaaaattag	gaagactgaa	aggttgaccc	tgatagtcct	ttgcacagtg	atctttatat	360
cttaacaaga	agcgatagga	gacattcttg	ttatctttca			400

<210> 2233  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 2233						
gatgcccata	agatatggga	agctatgtta	tcaagccata	ttagatatca	agcattaata	60
tggaataaaa	ccagcctggt	tggtgggctc	ttcacatgga	cgcgcatgaa	atttggtgcc	120
gtgactagga	tggggggacc	tcccttgggg	gatcaatccc	ctgtcctcct	gctctttgct	180
ccgtgagaaa	catgcaccta	tggcctcatg	ttctcaaacc	gaccaaacca	agaaacatct	240
caccaatttt	aaatccgcct	ggcttgtgag	gccttttgac	cccaattcaa	gtcttttgat	300
accctgtgaa	ttgcacccat	actgcccaga	tggtctag			337

<210> 2234  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 2234						
agacacactg	aagcattgca	tttgaatcat	aattatgaac	catttaaaaa	ttggggattt	60
atTTTTta	tatgaaaaat	tctgttgtaa	tagtaccaca	tccaatttat	atgttattag	120
ctgtttgtta	cccactattt	cattatattg	gaatgagggc	aaataatcct	gtaggcaagc	180
acgatatttt	aaaagttagg	aattctgaca	catctcaact	tttaaatacta	atagattgat	240
atgctgctga	aagaatattt	actctctgga	gacatatctg	aagctgaaca	ttgccttaag	300
gaactggaag	tacctcattt	tcacccatgag	cttgatatg	a		341

<210> 2235  
 <211> 144  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (144)  
 <223> n = A,T,C or G

<400> 2235						
tgcgtgtgga	agactacgaa	ccttaccogg	atgatggcat	ggggtatggc	gactaccoga	60
agctccctga	ccgctcacag	catgagagag	atccatggta	tagctgggac	cacccgggcc	120
tgaggttgaa	ctgggggtgaa	cccn				144

<210> 2236  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 2236						
ggcacgaggg	agctggatga	tgacatggac	gggacggtct	cggtgactga	gctgcagact	60
cacccggagc	tggacacaga	tggggatggg	gcgttgctag	aagcggaagc	tcaggcactg	120
cccaccgacc	ttccagcacc	ttctgcccct	gacttgacgg	agcccaagga	ggagcagccg	180
ccagtgcctt	cgtcgcccac	agaggaggag	gaggaggagg	aggaggagga	ggaggaagaa	240
gaggctgaag	aagaggagga	ggaggaggat	tccgaggtgc	agggggagca	tcccaaggag	300
gccccaccgt	cactgtcacc	cccgcagccg	ggcagccctg	ctgaggaaga	caaaatgccg	360

ccctacgacg agcagacgcc ggccttcate gat

393

<210> 2237

<211> 312

<212> DNA

<213> Homo sapiens

<400> 2237

cattatcact	atagaaaacc	acccaatcac	aaaaattaac	aataagagag	gaagtaagta	60
atgaaggata	tacaaaacaa	ctaaaaaaca	atcagtaaaa	taacaagagt	atgcctcat	120
ctatcaataa	taatcttgaa	tgtaaacaga	ttacattccc	cattttaaag	ataaagactg	180
actgaatgga	taaaagacat	gacccaacta	tatgctgcct	agaagaaact	cacctcacat	240
gtaaagacac	acatagactg	aaaataaagg	aatggaaaaa	tatattccac	ccaaatggaa	300
acaaaaagta	ag					312

<210> 2238

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2238

gttgctgtcg	cttgtggatt	gtaagtggct	gacgctgagt	gaggttatga	agctgctgaa	60
gagctttggc	gaggacgaga	tcgagatgaa	agtcgtgagc	ctcctggact	ccacatcatc	120
catgcataat	aagagtgcc	catactccgt	gggaatgcag	aaaacgtact	ccatgatctg	180
cttagccatt	gatgatgacg	acaaaactga	taaaaccaag	aaaatctcca	agaagctttc	240
cttcctgagt	tggggcacca	acaagaacag	acagaagtca	gccagcacct	tgtgcctccc	300
atcggtcggg	gctgcacggc	ctcaggtcaa	gaagaagctg	ccctcccctt	tcagccttct	360
caactcagac	agttcttgg	actaatgtga	g			391

<210> 2239

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2239

cgttgctgtc	ggcggacgct	cccgcggagc	ggaaacctca	ttgtgggtgga	gagcgtgctc	60
atggcagtg	ccttcctggc	catgctgctg	gtgctgggtt	tgtgcggagc	cgcttaccgg	120
cccacggagg	agatcgatct	gcgcagcgtg	ggctggggca	acatcttcca	gctgcccttc	180
aagcacgtgc	gtgactaccg	cctgcgccac	ctcgtgcctt	tccttatcta	cagcggcttc	240
gaggtgctct	ttgcctgcac	tggtatcgcc	ttgggctatg	gcgtgtgctc	gggggggctg	300
gagcggttgc	cttacctcct	cgtggcttac	agcctggacg	cctcagccgc	ctcactcctg	360
ggcctgctgg	ccctggggct	cg				382

<210> 2240

<211> 370

<212> DNA

<213> Homo sapiens

<400> 2240

ggattagaaa	cagctcaata	cacccacacc	agaagaccta	ggataaatte	tgggaagcat	60
gcaacctccc	aagataaacc	aagaagatat	taaagccctg	aaaagatgaa	taatgagctc	120
caatattgaa	tcagtcatta	taaacctacc	aaccagagaa	agccctggac	cagacagatt	180
cacagctaaa	ttataccaga	tgtataaaga	agagctgata	gaaatcctac	tgaacatatt	240
ccaaaaaatc	aaggaggaa	aattcctcca	taactcattc	tatgagacag	catcattcag	300
aaacacgggt	ataaaaaggaa	tctttaggcc	aaaatcttgg	aggaacatag	atgcaaaaat	360
cctcaaccag						370

<210> 2241  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 2241  
 ggcacgagga gaagctgacg ggcattgtgt ggaaacagct ggtggccggc gcagtggcag 60  
 gtgccgtgtc acggacaggc acggcccttc tggaccgcct caaggctctc atgcaggctc 120  
 atgcctcaaa gaccaaccgg ctgaacatcc ttggggggct tcgaagcatg gtccttgagg 180  
 gaggcattcc ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gccccgagt 240  
 cagctatcaa gttcatggcc tatgaacaga tcaagagggc catcctgggg cagcaggaga 300  
 cactgcatgt gcaggagcgc ttctgtggctg gctccctggc tgggtgccaca gcccacacca 360  
 tcatttacct tatggagggt ctgaagacgc agctgacctn 400

<210> 2242  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 2242  
 ggaagtagaa cattctgaag ggcattgtcac acgttcttca agctcactct gccagccact 60  
 ggagaatgga cgtaatgagc caaggatggc accaggaagt cacgggggca gtgtttgctg 120  
 ctgtccaggc aatcacagta ttggtgtcgt gtctcagcag gctgggtgtt gggggcctgg 180  
 attcacaaca tacatttgaa catattgtca cccgtgcttg ctgatagaga catctctatg 240  
 gagtggagggt ggcgaatgtt gcgtcgaagt ctttgccctt ttattattta tattctcttg 300  
 ttggggggac tactccttat attttcttct ctcttcgctg ttacggaggg tgacatctta 360  
 tttttttt 368

<210> 2243  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 2243  
 ggcacgaggg acctcctacc gttacttttt tattcactca agaaatgatt tcttgagttc 60  
 ccggcctttg ttagagagat gaacgaggca cggctcgtgt ccagctaaag gacagtagga 120  
 ctggaagagc gttgttttcc aaggtagagg atgcgcgcgc tcctaggagc cgaagggagc 180  
 ggaggccgag tagaggaggg gaccgtcccc gagcctcgcc gagcctgcgg tgtagacacc 240  
 tctgggtgtc agtggttgag gatctgttga ccgggcatgg tgggtagaag gaacgctccg 300  
 agcagaagaa aagtggctgt cgtgaagaca tctgcgtgtg cggcgtgcgt ggggtgcctgg 360  
 agatgaagct ggaaagagct gctgc 385

<210> 2244  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(344)  
 <223> n = A,T,C or G



<400> 2244  
gagaacattc tgaagggcat gtcacacgtt cttcaagctc actctgccag ccactggaga 60  
atggacgtaa tggagccaag gatggcacca ggaagtcacg ggggcagtgt ttgctgctgt 120  
ccaggcaatc acagtattgg tgtcgtgtct cagcaggctg ggggttgggg ccctggattc 180  
aaagcatcca tctgaacata ttgtcacccg tgcacacctga gagagacagc ttcattggagt 240  
ggaggtgtgt ggcctggagg cccacgtan gccaccaggc atgttttcca cgaaaaccga 300  
aacttctgac gggattacta acattgggag atttccgttt cttg 344

<210> 2245

<211> 396

<212> DNA

<213> Homo sapiens

<400> 2245  
ggcacgagga gaagctgacg ggcatgtggt ggaaacagct ggtggccggc gcaatggcag 60  
gtgccgtgtc acggacaggc acggcccctc tggaccgcct caaggacttc atgcagggtcc 120  
atgcctcaaa gaccaaccgg ctgaacatcc ttgggggggt tcgaagcatg gtccttgagg 180  
gaggcatccg ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gccccgagt 240  
cagctatcaa gttcatggcc tatgaacaga tcaagagggc catcctgggg cagcaggaga 300  
cactgcatgt gcatgagcgc ttcgtggctg gctccctggc tggtgccaca gcccaaacca 360  
tcatttacct tatggaggtg ctgaagacgc ggctga 396

<210> 2246

<211> 314

<212> DNA

<213> Homo sapiens

<400> 2246  
gaccgtttat gtaactttat attgggacaa tgaatccttt gaggccactt gcctaccgag 60  
ccggttgatc gctgaggagc cactatttag actctattaa actttcttgt tgcccgcgga 120  
accctctaaa tccccttgta aatttaactg ttagtccaaa gaggaacagc tctttggaca 180  
ctaggaaaaa accttgccga gagagtcccc accttaaagg ggcgcaaaaa aaacggtttg 240  
ggggtaattt tgggagacct ccctgttttt taaaccacta tttagtggga aaaaaccctt 300  
tttaaaaggc gggg 314

<210> 2247

<211> 364

<212> DNA

<213> Homo sapiens

<400> 2247  
actgaattac aataatgaca caacctatct aaacctgtgg gatacagata acgcggggct 60  
aagaggaaaag ttcacagccc taaatgcta catcatagtc tgaaagagca caaacagaca 120  
atcccaagtc acacttcacg gaactagaga aacaagaaca agccataccc aaaccggac 180  
ccagcagaag aaaagaaata acccagatca gagaagaact aaatgaaaat gatgcaaaat 240  
acttacctaa gataaatgag acacaactgg ttctttgaaa agataaataa aattataaac 300  
tgtagcaag actaaccacg aaaagaagaa aaaaaggcca ataaccttgc tgagtaatga 360  
acct 364

<210> 2248

<211> 311

<212> DNA

<213> Homo sapiens

<400> 2248  
caagcttaac cataagtaca ataagcccca gcatttgcat ggtagtcaag ctcatccaag 60  
caaaactctc tccagtaggg aatttcccct gcagagacca tgtgcatttt tatttcactt 120

gtectcagac	tgactctttg	ttcattataa	tagtaaaaaa	cacatccctg	ggtggagatt	180
tagagcta	aatgacatgcg	atgtatgaac	aagcatgtaa	agctactgca	catgtgcagc	240
caaagaacca	cccataacat	gcttaccagc	aacactcttt	cccacccct	taagaataac	300
cacggaaggc	t					311

<210> 2249

<211> 123

<212> DNA

<213> Homo sapiens

<400> 2249

actccccgcc	ctaagatctc	tgtgtgtgtc	ctgggggacc	agcagcactg	tgacgaggct	60
aaggacgtgg	atatccccc	catggacatc	gaggcgctga	aaaaactcat	caagaataaa	120
aaa						123

<210> 2250

<211> 127

<212> DNA

<213> Homo sapiens

<400> 2250

tagaatcttt	ggagggtctg	acatgttagc	tgaaaaactc	aaatctcaca	catctaaact	60
taagtggaaa	taaactgaaa	gatatcagca	ccttggaacc	tttgaaaaag	ttagaatgtc	120
tgaaaag						127

<210> 2251

<211> 348

<212> DNA

<213> Homo sapiens

<400> 2251

ggctcactgc	aacctccacc	tccctgggttc	aagcgattct	cctgcctcaa	cctcctgagt	60
agctgggact	aactacaggt	gcgtgccacc	atgccagct	aatttttcta	tttttagtag	120
agacggtttt	caccatgttg	gccaggaagc	gccttaattg	tgtgaatctt	gatgacatgc	180
gagatcagct	tccagagcat	ggctctatat	gctgacgccc	ctgaaaacag	atccctgtta	240
cttttaggcca	agatgtgggg	cgatatcatg	tattctggaa	cctggaccac	aagagccccc	300
acgcaggccc	ctaagatggt	agattcttcg	acgaagattc	ctaccctc		348

<210> 2252

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2252

actgaattac	aataatgaca	caacctatca	aaacctctgg	gatacagcta	aggcgggtgct	60
aagaggaaaag	ttcacagccc	ttaatgccta	catcaaagtc	tgaaagagca	ccaatcagac	120
aatcccaagt	cacacttcaa	ggaactagag	aaacaagaac	aagccaaacc	caaacccata	180
cccagcagaa	gaaaagaaat	aaccaagatc	agagaagaac	ttaatgaaa	tgaaacataa	240
taaatacaaa	agataaatga	aacaaaactg	gttctttgaa	aagataaata	aaatttatag	300
actgttagca	agactaacca	agaaaagaag	agagaaagtc	caaataacct	cactgagtg	359

<210> 2253

<211> 154

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(154)  
 <223> n = A,T,C or G

<400> 2253  
 cananggctt gttttggacc acagaccacg gtatcctgat atgataaaaa gggcggagga 60  
 tgcatacatc ctcacttgta acgtgacatt agagtatgag aaaacagaag tgaattctgt 120  
 ctttttttac cagagggcac aacattgaga aaaa 154

<210> 2254  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 2254  
 ggcacgagcc ctcttcccat gaggtggtag cctggattcg acggatactt cgggtggaga 60  
 agacagggca cagtgggtact ctggatccca aggtgactgg ttgtttaatc gtgtgcatag 120  
 aacgagccac tcgcttgggtg aagtcacaac agagtgcagg caaagagtat gtggggattg 180  
 tccggctgca caatgctatt gaagggggga cccagcttct tagggcccta gaaactctga 240  
 caggtgcctt attccagcga cccccactta ttgctgcggt aaagaggcag ctccgagtga 300  
 ggaccatcta cgagagcaaa atgattgaat acgatcctga aagaagatta agaatctttt 360  
 gggtaggttg tgaggctggc acctacattc ggacattatg t 401

<210> 2255  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 2255  
 gcagtggacg tggatttggg gatggctata atggttatgg aggaggacct ggaggtggca 60  
 attttggagg tagccccggt tatggaggag gaagaggagg atatggtgct ggaggacctg 120  
 gata 124

<210> 2256  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 2256  
 ggtttttcag ctcacttcaa gggtaacctga agogaattgg caccaaagca gcagctgtat 60  
 tggcgaggtt ctagcttcac cttcacgatg ttcccttgg tcaaaagcgc actaaatcgt 120  
 ctct 124

<210> 2257  
 <211> 147  
 <212> DNA  
 <213> Homo sapiens

<400> 2257  
 ggagaatcga ggcactcgct ggcgtaccca tgtatcgaaa tgagttcacg gcctgggtacc 60  
 ggcggatgtc ggtgggtctac gggatcggca cctgggctgt gttgggctca ctgctttact 120  
 atagccggac aatggcgaag tcgtcag 147

<210> 2258  
 <211> 341  
 <212> DNA  
 <213> Homo sapiens

<400> 2258  
gtttctgtcgc ccaggctgaa gtgcagtggt atgatcccggt ctcaactgtag gctccgtctc 60  
cccagttcac accattctcc tgcctcagcc taccgagtat gcacccgcca gcatgctctg 120  
gtggccgagt tcttctcatt cggcatcaac agcattttat atcagcgtgg catatatattca 180  
tctgaaacct ttactcgagt gccgaaatac ggactcacct tgcttgaact actgatcttg 240  
agctcatata tacctaacta agggtcgcgc ccttcgaaat atgatttact atcttgcccta 300  
gcattctgga gctctctagc acattctggt ttctactatg t 341

<210> 2259

<211> 363

<212> DNA

<213> Homo sapiens

<400> 2259  
cgaaccacaa tagtgacaca tcttatcaca atctttggga cacaccagag gcagtgctaa 60  
caggaaagtt catagcccta caccgctacc tcaaaagggc tgaaagagca tctacagaca 120  
atctaagggt acacctcaag cggctagaga aacaagaaca accaaatcct caccagctg 180  
aagaaaggaa atagcctgga tccgagcaga actagatgaa attcagacaa acaaactcca 240  
cttgcgctcc aaaaatacgt aagacgaaga gctgggtctt tgaaaagata aataaaattg 300  
atagaccatt agcaagatta accaggaaaa gaagagtga aattcttata agctcaatga 360  
gaa 363

<210> 2260

<211> 348

<212> DNA

<213> Homo sapiens

<400> 2260  
cggcctactg ctgcaagaag acaacagaag gctactgctg caagaagaca acagaaggct 60  
gctgctgcaa gacgacaaca gaaggctact gctgcaagaa gaccacagaa ggctacggct 120  
gcaagaagac aacagaaggg tactgctgcy aagaccacag aagggtactc ctgccagaag 180  
acgacagaag ggggagcgcc gctcctgctg caccgtgctt gctacgagtt tcatgctcgt 240  
gctaaactag cgccgtcgtc ttctttcttc agtcgtcatg atgattatct accgccacct 300  
catcaccac gatgagatgt tctacgacat ctacaagatg caggagat 348

<210> 2261

<211> 393

<212> DNA

<213> Homo sapiens

<400> 2261  
cgttgctgtc ggtgcatcct ctcccagtggt atgcatcac ctgtgcctcc cctccccttt 60  
tattcacatc gcgtattttg gcattttcca gataatgaca aggcacagac aggggtggggg 120  
atggactgaa gcaccatgtc ttgtttactg gctcctaatt tattttcatt ctttgttgac 180  
taaccacaca tgtgcctcgc gaggttacat gtgtggtgac cactctacat tctggatgtt 240  
ttattaaaca ttgaacgcgc ctacgaggag cgaacttaaa ataatacatc cactggctga 300  
taaagggaag ctgcaatacc aaggcgaaga ttgataatgc acacgctttt cttttttgta 360  
ccgtacatat ttccacacca tcttagatat aat 393

<210> 2262

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2262  
ggcacgaggt gtgcttaggt gcccagacta ctgagggtct aagtccgggc agccgaagag 60

tgtggtaggt	aacggtcctc	agcgcaaggg	tcatttcgtc	gctgggaagg	gacggccctc	120
gccccgggtg	atggtgggta	gcaagatgaa	caaagatgcg	cagatgagag	cagcgattaa	180
ccaaaagtgt	atagaaactg	gagaaagaga	acgcctcaaa	gagttgctga	gagctaaatt	240
aattgaatgt	ggctggaagg	atcagttgaa	ggcacactgt	aaagaggtaa	ttaaagaaaa	300
aggactagaa	cacgttactg	ttgatgactt	ggtggctgaa	atcactccaa	aaggcagagc	360
cctggtacct	gacagtgtaa	agaaggagct	cctacaaaga	ataagaac		408

<210> 2263  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(357)  
 <223> n = A,T,C or G

<400> 2263	
atgacctcaa	cggtgccgtg atgatacaat accacctatg gagaaagctc tagggaaaat 60
ggacattcag	atagctcttc cttctggatg gtacagaaga gtatgctccat ggtttggatt 120
agctgcaaaa	cactttattg atagatgaag attactgagg aaatgttggg gctgtactgt 180
ttaatttttg	caaaaaaaag tttaaagtca gaaaaagtga tcgtactgca cagctcattt 240
gtgaatgaat	ttttaatcca gaaatagaag ttcaagcttt ggatgatgct gaaaggcatt 300
cagaagagtt	aggttctatt agaaagtatt aaaatttatg ctaagaatag aaaatgn 357

<210> 2264  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<400> 2264	
atcccatcga	ttcgaattcc gttgctgtcg actgggaaac tgcacctcgt cacatgatgc 60
gtctagatat	tcgttctttg ctgcaagatg ctgctattga agaggtagag atggaagatt 120
ttgatgcaaa	tatcgaagaa cagaaagaag aaaagaaaga tgcagaggaa gaggaaagcg 180
aactgggtta	cattccgaaa agcaaatggg agatggacac atctgaggca aagctagaca 240
agttggatgg	cttgaggact ggtactaaaa ggaaacgtga ctgggaggcc attgccagca 300
gaatggagga	ttatcttcag ctccccgatg attatgatac tcgtgcttct gagcctggga 360
agaagagggg	cagatgggca gacctggaag agaagaagg 399

<210> 2265  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 2265	
gcctcagcct	ccctagtagc tgggatgaca ggcgcctgcc atcatgcctg actaatTTTT 60
gtatttttag	tagagacggc gtttcacat gttggccagg ctggtctcaa actcctgacc 120
tcaggtgatc	cgcttacctc agcctcccaa agtgctggga ttacaggcgt gatccaccac 180
acctggccct	tgcaatcttc tactttaagg tttgcagaga taaaccaata aatccacacc 240
gtacatctgc	aatatgaatt caagaaagga gatagtacct tcaatactta gaaatagtct 300
tccacaaaaa	atactttatt tc 322

<210> 2266  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 2266  
attgatagac cattagcaag attatcgaga aaagaataca gaaaatccaa ataagctcaa 60  
ttagaacaaa aacaggagat actacaactg acaccactga aatataaaaag atcatttcaa 120  
ggctactatg aacaccttta catgcataaa ctataaaaacc taaaggagat ggataaattc 180  
ctggaaaaat aaccaccctc ctagcttaaa tcaggaagaa ttaaataccc ttgacagacc 240  
aattaccaac cgagaggatg aaatggttac caaaaaaaat taccaatgga aaaagccagg 300  
accacaccga ttcacagggtg aaattttatg 329

<210> 2267

<211> 230

<212> DNA

<213> Homo sapiens

<400> 2267

gtagtaccat gcacattatt gaggaatgtt ctaaaggat atctctcggg gtattttctct 60  
acttacctgt gataatgctt ttgtcttaat aggggtgggtc tcttccctaa gcgctagcca 120  
aattcatgaa ttatgtgaag aattgctttc ggatgactga ccaagaggct attcaagatc 180  
tctggcagtg gaggaagtct ctttaagaaa atagttttata caatttggtta 230

<210> 2268

<211> 323

<212> DNA

<213> Homo sapiens

<400> 2268

gactggaaaag cgaaggctct cctgaaactc ttacaaactt aaggaaagga tacctgttta 60  
tgtataatct tgtgcaattc ttgggattct cctggatctt tgtcaacctg actgtgcat 120  
tctgtatctt gggaaaagag tccttttatg acacattcca tactgtggct gacatgatgt 180  
atttctgccca gatgctggca gttgtggaaa ctatcaatgc agcaattgga gtcactacgt 240  
caccgggtgct gccttctctg atccagcttc ttggaagaaa ttttattttg tttatcatct 300  
ttggcaccat ggaagaaatg cag 323

<210> 2269

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (317)

<223> n = A,T,C or G

<400> 2269

ggggccctgt gtctggaggc tgcattgaatc ccgcccgtgc ttttggacct gcggtggtgg 60  
ccaaccactg gaacttccac tggatctact ggctgggccc actcctggct ggctgcttg 120  
ttggactgct cattaggtgc ttcattggag atgggaagac ccgctcctc ctgaagcctc 180  
ggtgaagcag agctcgtggg attcctgctg ctccagggtg cctcagctca cctgtcccag 240  
actcaggaca ggggagttcc tgcatttcc tgcagggcag aggccagag gagcgacccc 300  
ctgcttccac tgcttgn 317

<210> 2270

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2270

gcattgggtc aaaaacaaaa tgaagatgga attaaaaaaa ttatttgaac tgaatgacag 60

taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagt					316

<210> 2271

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2271

gcattgggtc	aaaaacaaaa	tgaagatgga	attaaaaaaa	ttatttgaac	tgaatgacag	60
taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagttctt	tg				322

<210> 2272

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2272

ggcgtcgtag	tctcctgcag	cgtctggggt	ttccgttgca	gtcctcgga	ccaggacctc	60
ggcgtggcct	atcgagttat	ggcgacgaag	gccgtgtgcg	tgctgaaggg	cgacggccca	120
gtgcagggca	tcatcaattt	cgagcagaag	gaaagtaatg	gaccagtga	gggtgtggcg	180
atgtgtctat	tgaagattct	gtgatctcac	tctcaggaga	ccattgcac	attggccgca	240
cactggtggt	ccatgaaaaa	gcagatgact	tgggcaaagg	tggaaatgaa	gaaagtacaa	300
agacaggaaa	cgctggaagt	cgcttg				326

<210> 2273

<211> 130

<212> DNA

<213> Homo sapiens

<400> 2273

aacataacca	ttcttaattt	aactgtttat	attatcctaa	ctactaccgc	attcctacta	60
ctcaacttaa	actccagcac	cacgacccta	ctactatctc	gcacctgaaa	caagctaaca	120
tgactaacac						130

<210> 2274

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2274

cgttgctgtc	gccggggcgg	aggagaggac	ctccttggtt	cctttggttc	tgtcagtga	60
ccccttccct	ggccatgaag	ctcgtgagga	agaacatcga	gaaggacaat	gcgggccagg	120
tgacctggt	ccccgaggag	cctgaggaca	tgtggcacac	ttacaacctc	gtgcagggtg	180
gcgacagcct	gcgcgcctcc	accatccgca	aggtacagac	agagtcctcc	acgggcagcg	240

tgggcagcaa	ccgggtccgc	actaccctca	ctctctgcgt	ggaggccatc	gacttcgact	300
ctcaagcctg	ccagctgcgg	gttaagggga	ccaacatcca	agagaatgag	tatgtcaaga	360
tgggggctta	ccacaccatc	gagctggagc	ccaaccgcca	gttcan		406

<210> 2275  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 2275	
tgatttctgt	60
ttcaatcttc	120
cacgttcttg	180
tacgagcaca	240
tgctg	245

<210> 2276  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(375)  
 <223> n = A,T,C or G

<400> 2276	
tgagccaggc	60
aactgcttga	120
gctctgggca	180
aatcaaaaac	240
gaaaaaacia	300
ctgagtgggg	360
aaccttgtct	375

<210> 2277  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 2277	
cgttgctgtc	60
ggtggtttcc	120
tgtccccaag	180
taaccccatc	240
ggagaagggt	300
gatgggggat	360
ggctggggag	394

<210> 2278  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 2278	
gaggttcttg	60
gagataaaat	120



ttggtgaaga attaattaat ggagatgcg

149

<210> 2279

<211> 218

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 2279

aacactgaac	tgacaattaa	cagcccaata	tctacaatca	accaacaagt	cattattacc	60
ctcactgtca	acccaacaca	ggcatgctca	taaggaaagg	ttaaaaaaag	taaaagggaac	120
tgggcaaatc	ttacccccgc	tgtttaccan	angagatata	aaaaaattta	aangggggggg	180
gcgttttttt	tttttttccg	acctgtgaaa	atatttttt			218

<210> 2280

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2280

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aagggttaaaa	aaagtaaaag	gaactcggca	120
aatcttacct	cgcttggtta	c				141

<210> 2281

<211> 325

<212> DNA

<213> Homo sapiens

<400> 2281

atgttagctg	agtgatggcc	aagttttttc	tctggacagt	aatgtaaatg	tcttactgga	60
aatgacaagt	ttttgcttga	tttttttttt	taaacaaaaa	atgaaatata	acaagacaaa	120
cttatgatag	atcaggggtg	ttgttatgtt	tttttaattt	aaaaatgcaa	ccctgcccc	180
tccccagcaa	agtcacagct	ccatttcagt	aaagggttga	gtcaatatgc	tctgactgac	240
aggcaaccct	gtagtcatgg	agaaagggtt	ttaaagatct	agtccaatct	ttttctagag	300
aaaaagataa	tctgaaactc	acaaa				325

<210> 2282

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2282

gtgacacaac	ctatggaaac	ctctgggata	cagcaaaatt	gatgctaaga	agaaagttca	60
tggcattaaa	tgcttacatc	aaagagtctg	aaagaacaca	aatagacgat	ttaaggtctc	120
acttcaaggg	actagagaat	caagaacaaa	caaaacccaa	accagcaga	agaaataaga	180
tcagagcaga	actaaatgaa	attaaaacaa	aacaaatata	taggacaaat	gaaacaaaaa	240
gctcgttatt	agaaaagata	aacaaaatta	atagactatt	atcaagatta	accaagaaaa	300
gaagagagaa	gatcgcaatg	ggctcaatta	gaaacaaaac	aggagatatc	acaaccaag	359

<210> 2283

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 2283

cgttgctgtc	gctgccaggg	cgctccgacg	tgctgggtgt	ggtgggtttcc	atgctgagca	60
ccgeccccca	gcccattccg	aacatcgtgt	tccagtcagc	tgtccccaag	gttatgaagg	120
tgaagctgca	gccaccctcg	ggcacggagc	tgccagcttt	taaccccatc	gtccaccctt	180
cagcaatcac	ccaggctcctg	ctgcttgcca	acccccagaa	ggagaagggt	cgctccgct	240
acaagctcac	cttcaccatg	ggtgaccaga	cctacaacga	gatgggggat	gtggaccagt	300
tccccccacc	tgaacacctg	ggtagcctct	aaaacagagg	ggctggggag	aggaaggggc	360
anagggaacc	ggcact					376

<210> 2284

<211> 150

<212> DNA

<213> Homo sapiens

<400> 2284

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aagggttaaaa	aaagtaaaag	gaactcggca	120
aattcttacc	cgctgggta	ccaaaaaaaa				150

<210> 2285

<211> 396

<212> DNA

<213> Homo sapiens

<400> 2285

cgttgctgtc	ggctccggggc	tatggctgtg	actctggaca	aagacgctta	ttatcgggca	60
gtgaagagac	tgtacagcaa	ttggcgggtg	aggaagatcc	tgtaatTTTT	cctagggagc	120
ccccttagcc	atcccataat	aacctgttt	ctcggcgccc	ttttttctct	ttcggtcagg	180
aattcccggg	ttctgtgctt	caccttttc	gttgcctccg	aatcattcac	cggaggcggc	240
cacgaacgct	gccccttaac	agggaaatcc	ccgcattcac	cctgtcctgc	ggccatcacc	300
atcttccccg	cggtccagcc	ttggtcatgc	atagcagcac	ctctcgcagt	ctcttcccgc	360
cctagaagag	gcaacatcct	tcctctctac	tccgtg			396

<210> 2286

<211> 353

<212> DNA

<213> Homo sapiens

<400> 2286

gagagttcct	ccttgctctg	gcccctactc	tttctgggtg	tagatcgagc	taccctctaa	60
aagcagttta	gagtggtaaa	aaaaaaaaaa	aaacccccca	accgctcgaa	cccccaaagg	120
ggagaaaatt	tttttgggac	atcctcctgc	ttttcccgat	actgaacggt	ggctccctaa	180
agcccttcgg	gaagcttttt	tttcttaaaa	ggaaaaaatc	accccccggg	aaaatcgggc	240
tgattacagg	acctggcctg	ggaatgggaa	aactgccggc	ctataaattt	gctaaactaa	300
aaagcaagcg	ggttttttgg	aataaaaata	accatggact	ggaggaaaca	ccg	353

<210> 2287

<211> 131

<212> DNA

<213> Homo sapiens

<400> 2287  
tagtagacta cacaacagcg aaggaatttg ctgattccct tgggaattccg tttttggaaa 60  
ccagtgtctaa gaatgcaacg aatgtagaac agtctttcat gacgatggca gctgagatta 120  
aaaagcgaat g 131

<210> 2288  
<211> 328  
<212> DNA  
<213> Homo sapiens

<400> 2288  
ggaatccccg gcggcagtg ggctgttgct gttgctgtgg ctgtcgctgc ccgtcaggct 60  
gccttctttt gtcgtttccc agcgctgcgc aggacttctc ctggcggcgc tgcggatcca 120  
gggggtcggc tgccagggtac aggggttgag gctgggcaaa cgccgcgaaa ctatcgctct 180  
tccccgtccc gcttccgcgc ctgtccaccc tgggtaacgg aaccagcatc gcggtaggga 240  
catcctcgct agggccggcc ggaccattcc tcagggtggg ccctttccga agccgggacc 300  
gctcctgctt gtcggcatcg ctcccccg 328

<210> 2289  
<211> 385  
<212> DNA  
<213> Homo sapiens

<400> 2289  
cggtgtgtgc ggatgaaatt ggagctctgg ataatgcaga attggaaggt tctattcaag 60  
tggacagcaa tcgcttacag gaagctttga atgactacta taaagagaac gcagacaacc 120  
gtgtacaact gaataccctt gaacccttgg aggatcaaga cctgcctatg aatgatctcg 180  
acgactctga gaaggactac ttgaggactg tagaccttga gcaaacatat gagacgtggg 240  
taacgctgtc atggacgcgg ttaaacagca caagccataa ctgttcacca ctattaccaa 300  
aaacctaggg gtcgggacgg gaattgaaat ccgcgaaggc tccctagtct tccatagcct 360  
taatcaatac aggccgaaca gagga 385

<210> 2290  
<211> 334  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(334)  
<223> n = A,T,C or G

<400> 2290  
atatcaaaac ctccaggata ccgcaaaggc agtgctaaaa ggaaagttca tagcggtaaa 60  
tgcctacatc cccaagtctg aaagagcaca aatagacaat ctaaggtcac acctcaagga 120  
actagagaaa caagaacaaa ccaaacccca acccaaacc agcagaagaa aagagataac 180  
caacatgaga ccagaactaa atgaaattga aacaacaaca acaacaaaaa ccaacaaaaa 240  
ataaataaaa cagaaagctg gttctttgaa aagataaata agattgatag aacattagca 300  
agattaacca agaaaagaag agagaagatc cnaa 334

<210> 2291  
<211> 426  
<212> DNA  
<213> Homo sapiens

<400> 2291

cgttggtgtc	ggcattagtc	actttgaaat	gtaacaaatg	gtactacaac	caattccaag	60
ttttgatttt	taacaccatg	gcaccttttg	cacataacat	gcttttagatt	atatattccg	120
cactcaagga	gtaaccaggt	cgtccaagca	aaaacaaatg	ggaaaatgtc	ttaaaaaatc	180
ctgggtggac	ttttgaaaag	cttttttttt	tttttttttt	tgaaaaggga	tttttttttt	240
ttcccccg	tgggggggaa	aaacaaaaat	tggtttta	ggccccctcg	ttttttgggg	300
taaaaaatt	ggcgggctca	cccccccgag	gaggtggaaa	taagggggcc	cctttcccac	360
ccaaagttat	ttttggtttt	tttaaaaaaa	aggggggttc	accattctgg	ccaggctggg	420
tttaaa						426

<210> 2292

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2292

cgttgctgtc	gttttttttt	aaatatgggt	attggcgttt	tttctttttt	actctttcct	60
tcttaactca	agactttag	tgttgtaaac	ctgcctcaca	aaatacatgg	aaataacttt	120
tctttaaaaa	aaaaaaaaaa	acagccttaa	ccattttttt	ggggggccac	tttttgggca	180
aggatggaca	ccaattttat	tcccccttgg	ggcccccaaa	aacttattta	aatacccttt	240
tttaaccac	ccttctcttt	attataggga	catgccctta	aatggacaaa	aaagggttac	300
cctttggaat	aaaaatgcag	agcaggcaaa	accattacac	ctgtggcgaa	aagttaaaag	360
ttagggaaaa	accggggcag	aggaaaaagg	g			391

<210> 2293

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 2293

ggcgacaaac	ctaccgagcc	tggtgatagc	tggttgtcca	agatagaatc	ttagttcaac	60
tttaaatattg	cccacagaac	cctctaaatc	cccttgtaaa	tttaactgtt	agtccaaaga	120
ggaacagctc	tttggaact	aggaaaaaac	cttgacagaga	gagtanaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaagggggcc	tttttttccg	taaacccaac	atggaaaaaa	accttggggg	240
gtttgggcca	ccccccctt	aaagggcggg	gaaaaaagg	tttttttttg	aaaattgggg	300
aggttttgg	ttttttggaa	ccctttaaag	c			331

<210> 2294

<211> 235

<212> DNA

<213> Homo sapiens

<400> 2294

cagtagacac	tgaggcctca	cctcagactg	ggcaaggagc	agggagcata	cctgggcccc	60
agcatcagca	tcagcctgct	cctccccaca	cagcactcgg	gccaggccct	ctccccgtgc	120
cttcttaaac	tccgcctggg	aagacagaga	aacatggaga	gcaagagatg	aaattactgc	180
tctgccctaa	actgcaccca	gagtctctga	ttacagtcac	actcttacct	cgtcc	235

<210> 2295

<211> 414

<212> DNA

<213> Homo sapiens

<400> 2295  
 cggttgcgtgc ggggaaataa gaagaatgaa agcctctctt tctgtccgca gatcctgact 60  
 ttcccaaagt gccttaaaag aaatcagaca aatgccctga gtggtaactt ctgtgttatt 120  
 ttactcttaa aaccaaactc taccttttct tgtttttttt tttttttttt ggggcccctc 180  
 cccttcgggg caaggggggg ggtccttttt taaacccagg gaaaaaccgg cccccccctt 240  
 tgggtggacga agggctctaa gggccccccc gggccccagg gccacccgg gccccatttg 300  
 gcccggttg ttgcccggcc ccggaaaacc ccggggcccc gggtccttta cgggggattt 360  
 aggggcgggg ggtccaggga ccattccctt tcccggggag ttataccgcg aaag 414

<210> 2296

<211> 377

<212> DNA

<213> Homo sapiens

<400> 2296  
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 ccattcagga agtgctaaag gaaatgactg atggagggtg ggattttttg tttgaagtca 120  
 tcgggttcggg cgataccatt actgccttcc ctgctatgat gtcattattc ttatatgttt 180  
 cgtacctctc tttgggtttc tcttggtttc ttaatttttc ctcttgactc tttctttggg 240  
 ctatctcccc acctctttta ttctcttttt ccttttttgt ataatactgt ctctatcat 300  
 tcctttcttt atcttcaccc tctacgtcct tttctttggg ttaatccttc tgactttttc 360  
 gtttctctt ccgtct 377

<210> 2297

<211> 412

<212> DNA

<213> Homo sapiens

<400> 2297  
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 ctctcgccac caccgcgtgg gtctgacaag atgtaccagg tcccactacc actggatcgg 120  
 gatgggaccc tggtaggggt ccgcttcacc atgggtggcc tggtagcggg ctgctgtcca 180  
 cttgtcgctt tctctctctg catcctctgg tccctgctct tccacttcaa ggagacaacg 240  
 gccacacact gtggggccatc cacgaaaatg ctttcattgt gttcattgcc tcatccctcg 300  
 ggcacatgct cctcacctgc attctctggc gggtgaccaa gaagcacaca gtaagtcagg 360  
 aggtacgggc tatccctagc ggggggtcca aggcagccca gaagataatt ag 412

<210> 2298

<211> 342

<212> DNA

<213> Homo sapiens

<400> 2298  
 tacgtctgct agaacacgac agaaggggaa ccggatgctg gacaggcacc ccggcttggc 60  
 gctgtctctc cccctcgggt cggagaggcc cttcggcctg agggagcctc gccgcccgtc 120  
 cccggcacac gcgcagcccc ggcctctcgg cctctgccgg agaaacaggg gaaggggggtg 180  
 caggggtggg ccgttgggga ggcctgggga cccggggggt ccgcagcggc agggggcctc 240  
 tgggaccttg gggatgttgt gatggacgt gcagtggggc cgggagagat gaagagacgc 300  
 ggagggtcgc cctgagggaa gactcttcgg gatgacagga gc 342

<210> 2299

<211> 169

<212> DNA

<213> Homo sapiens

<400> 2299  
 cgatggtagt cgccgtgcct accatggtga ccacgggtga cggggaatca gggttcgatt 60

ccggagaggg agcctgagaa acggccacca catccaagga aggcagcagg cgcgcaaatt 120  
 acccactccc gacccgggga ggtagtgaca aaaaaaaaaa aaaaaaaaaa 169

<210> 2300

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2300

cacccaccag tgggaccacc agagatgtgg atgggatggg ttctgtgatg accagcaaaa 60  
 acacagtcag agaaagcagg actgaaatac aaagcgtcac tttttcacca cagtccgaag 120  
 gaaggtaaaa gaccaacacg g 141

<210> 2301

<211> 318

<212> DNA

<213> Homo sapiens

<400> 2301

gaagggcgct ccgagagccc gtctctcctc gaatgaaagg aaacaacctc .cggcgacaga 60  
 gccccgctct caggcactgc tggagaaccg agaccgactt ctttctcttt accctcattg 120  
 gcgcttctct cctgcagtcg gcctctgggc cctgccgcac ttcttgagac ttaaagtggc 180  
 attctaaagg caatttaaaa aatcaatggg cagctcagtt gaacagaaaa aagggcctac 240  
 aagacagcgc aaatggggct tttggtagtc aaatagagac aaagaatgtg gacagttact 300  
 aatatctgaa aaccagaa 318

<210> 2302

<211> 151

<212> DNA

<213> Homo sapiens

<400> 2302

cgttgctgtc gcttaaagcg ggccttcgtg aggatgagta caagccctga ggctttcctg 60  
 gcgctccgct cccacttcgc cagctctcac gctctgatat gcatcagcca ctggatcctc 120  
 gggattggag acagacatct gaacaacttt a 151

<210> 2303

<211> 298

<212> DNA

<213> Homo sapiens

<400> 2303

cctcctctct gccttccaac ctccagagga cgagacctaa aggggtgcctg attggctgcg 60  
 gagggcgggg ctaagacaag gggcggggct gccgagacct tgggcccgcg tgagggaaaa 120  
 tttgggttcg attaagccgc agaggaaaag accaggggag tctggggcca tttgggcgtc 180  
 gggggccgct aggtcagccg tcatcgaata cagaatatgt tttcgaggac gctaatatgt 240  
 agtcatgacc aatttcagtt cttctacttt ctgcgggcct tcgcaaaaaa aaaaaaaa 298

<210> 2304

<211> 390

<212> DNA

<213> Homo sapiens

<400> 2304

cgttgctgtc gcaggcactg tctccctgg agctgctcaa cgttctcttc aggacctgca 60  
 aacatgagaa gctgaccttg gacctgacgg tgctcctggg tgtgctgcag gggcaacagc 120  
 agagcctaca gcagggggga cactccaccg gctccagccg cctgcacgac ctctactggc 180

aggccatgaa	aaccctggga	gtccagcgcc	ccaagttgga	gaagaaggat	gccaaggaga	240
tccccagtgc	cacccagagc	cccatcagta	agaagcggaa	gaaaaaggga	ttcttgccag	300
agacgaagaa	gcgcaagaaa	cgcaagtcag	aggatggcac	gccagcggag	gatggcacac	360
ctgcagccac	cggcgggagc	cagcccccca				390

<210> 2305  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 2305						
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caacgtttct	ttcaggacct	gcaaacatga	gaagctgacc	ttggacctga	cgggtgctcct	120
gggtgtgctg	caggggcaac	agcagagcct	acagcagggg	gcacactcca	ccggctccag	180
ccgcctgcac	gacctctact	ggcaggccat	gaaaaccctg	ggagtccagc	gccccaaagt	240
ggagaagaag	gatgccaaag	agatccccag	tgccaccacg	agcccatca	gtaagaagcg	300
gaagaaaaag	ggattcttgc	cagagacgaa	gaatcgcaag	aaacgcangt	cataggatgg	360
cacgccaacg	taggaatgca	cacctgcaac	c			391

<210> 2306  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 2306						
cgttgctgtc	ggtggatgtc	ttgcagtgat	gattctgcaa	aacctctttt	ctaaccctga	60
gaaattcttc	agtattcgta	cgagggtggc	cgactgctca	acctcaccga	gaggcagggtc	120
aagatctggt	tccagaaccg	caggatgaaa	atgaagaaaa	tcaacaaaga	ccgagcaaaa	180
gacgagtgat	gccatttggg	cttattttaga	aaaaagggtg	agctagagag	aaaaagaaag	240
aactgtccgt	cccccttccg	ccttctccct	tttctcacc	ccacctagc	ctccaccatc	300
ccgcacaaa	gcggctctaa	acctcaggcc	acatcttttc	caaggcaaac	cctgttcagg	360
ctggctcgta	ggcctgccgc	tttgatggg				389

<210> 2307  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(159)  
 <223> n = A,T,C or G

<400> 2307						
gagtcggact	gcgacacagc	ccatcccttc	gaccgctcgc	gtcgcatttg	gcctcctccc	60
taccgctcca	agcccagccc	tcattccatg	catgccccct	ggatcangcc	attgggctcc	120
ttgtggccat	ctttcacaag	tactccggca	gggagggtg			159

<210> 2308  
 <211> 147  
 <212> DNA  
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 2308
ggttttttcag ctcacttcaa ggggtacctga agcgaattgg caccaaagca gcagctgtat      60
tgccgcagtt ctagcttcac cttcacgatg tttcccttgg tcaaaagcgc actaaatcgt      120
ctccaagttc gaagcattca gcaaacn                                           147

<210> 2309
<211> 148
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 2309
tgattatcta ccgggacctc atcagccacg atgagatggt ctccgacatc tacaagatcc      60
gggagatcgc ggacggggtg tgccctggagg tgtaggggaa gatggtcagt aggacagaag      120
gtaacattga tgactcgctc attggtgn                                           148

<210> 2310
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 2310
cacgccattc tcctgtctca gcctcctgag tagctgggac tacaggcgcc cgccaccatg      60
cccagctaatt ttttttgtat ttttagtaga gacggggttt caccgtgta gccaggatgg      120
tctcgatctc ctgacctcgt gatctgcccg ccttggcctc ccaaagtgt gggattacag      180
gcatgagcca ccgcgcctgg cccattttct tcctcttttg aggtaatgga tttgtttgga      240
gatggcatgt tagtagacga ctgaatatgg aaaggatata gagttatcta ttttggtaat      300
tntatttttg gtttttatca tctagatttt tatcatggat tagtctgaaa tttaaagttc      360
tggccagtcg gttttctttt atcttggaag g                                           391

<210> 2311
<211> 166
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 2311
aaaagggtctn natnaattgc aaagatgtct gacacagtct ggcattgctg gaggatacaa      60

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acctttttaac	ctgggagactt	gccgggcttat	ggtttcaatg	ctggatagag	atatgtctgg	120
cacaagggtt	tcaatgaatt	taaagaactc	tgggctgtac	tgaatg		166

<210> 2312  
 <211> 149  
 <212> DNA  
 <213> Homo sapiens

<400> 2312						
atgaccacc	aatcacatgc	ctatcatata	gtaaaacca	gcccattgacc	cctaacaggg	60
gccctctcag	cctcctaata	gacctccggc	ctagccatgt	gatttcactt	ccactccata	120
acgctcctca	tactatgcct	actaaccaa				149

<210> 2313  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 2313						
gcttcggctg	caagaagacg	acggaagggg	ggtgttttgc	gggtagcgcg	gcgtgataag	60
ccatgagcac	caaaggctct	ggcgacaccc	tgtacgaggc	ggtgcgggaa	gtgctgcacg	120
ggaaccaacg	caagcgccgc	aagatcctgg	agacggtgta	gttgctgagc	agcttgaata	180
actatgatcc	cctgaaggac	aagggtcttt	gggacacgcg	gaggcttaag	tccactcggc	240
gccgtaggtt	ctttgagttt	gggctggggg	accagcagct	ctgggtggag	gctaag	296

<210> 2314  
 <211> 166  
 <212> DNA  
 <213> Homo sapiens

<400> 2314						
ggccgacgtg	ttcttgcggt	ggcggagcgg	cggattatcc	ttcgcggggc	aaaatggagc	60
tcgaggccat	gagcagatat	accagcccag	tgaacccagc	tgtcttcccc	catctgaccg	120
tgggtgctttt	ggccattggc	atgttcttca	ccgactgggt	cttcgg		166

<210> 2315  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 2315						
ctacgcttgc	tgtttgcgct	ctctgaaagg	gacaccaagg	ctgtgattta	caccaactgt	60
cgagcactgc	ttctccatgg	agaaactaga	aaaactgctt	ttggaattat	ctctacagtg	120
aagaaacctc	ggccatcaca	aggagatgaa	cattgtcttc	cagcttccat	gaaagact	178

<210> 2316  
 <211> 151  
 <212> DNA  
 <213> Homo sapiens

<400> 2316						
gacttgggct	gaggagccgc	cgcgtccctt	cgccgagtc	cctcgccaga	ttccctccgt	60
cgccgccaag	atgatgtgcg	ggcgccctc	cgccacgeag	ccggccaccg	ccgagaccca	120
gcacatcgtc	gaccaggtga	ggtcccagct	t			151

<210> 2317  
 <211> 402

<212> DNA  
<213> Homo sapiens

<400> 2317  
ggcacgagggc gggtttccttt tttagaagct ttgtggggtg attttttttt cttttctttt 60  
ttggacattt ttaattgcag tttaaaagt aatcgtaaga gaacctcagc attgtgcacg 120  
ataagagaat gtgtcagtat ttcagggttc tacattttat ctgtaaaatg tgactttttt 180  
ttttttttat cacaccaaaa gaaaaagggtg gtttggcccc ggggggtttt tataaaaaat 240  
taaccccccc cttttttcac aaaaaaaaaac agcggggagt tttggcccca ttataaaaaa 300  
agggttccca cccaaatttt tgtggggcct agggggccct cagaaatggc ataaaaactt 360  
ggaccggcta aaataacccc ccaccctttt tgaagtgggg gg 402

<210> 2318  
<211> 187  
<212> DNA  
<213> Homo sapiens

<400> 2318  
gaccacgctt ttcattctgtc ccgctgcgtg ttttcctctt gatcggaac tcttgccttct 60  
ccttgccctg aaatggaccc caactgctcc tgctcgctg ttggctactg tgccgtgtggc 120  
ggctcctgcc catgctaaga gtgcaaatgc tctcctgca agaagaactg ccgctcctgc 180  
tggcctg 187

<210> 2319  
<211> 155  
<212> DNA  
<213> Homo sapiens

<400> 2319  
gaaagcagca gctgtattgc cgcagttcta gcttcacctt cacgatgttt cccttgggtca 60  
aaagcgact aaatcgtctc caagttcgaa gcattcagca aacaatggca aggcagagcc 120  
accagaaacg tacacctgat ttttatgaca aataa 155

<210> 2320  
<211> 314  
<212> DNA  
<213> Homo sapiens

<400> 2320  
cattggtatt tcattgtatg acaatgatgt tcacttttac cactttcatt taacacagta 60  
ctggaagttc tagccagagc aataagaaaa gagatagaaa taaagtccat ccaaattgga 120  
aatgcagagg tcaaattgtc cttgtcatag acaattgatc ttatattatg aaaaacctaa 180  
ataattcatc aaaaaactgt tagaattgat aaacaaattc agtaagttaa caggctataa 240  
aatcaatatg gaaaaatttg aagcatttct acatgccaac agtggacaat gtgaaaaaga 300  
aatcaagaaa gcaa 314

<210> 2321  
<211> 352  
<212> DNA  
<213> Homo sapiens

<400> 2321  
ggtggaaaaa ggaatcattg acccaacaaa ggctgtgaga actgctttat tggatgctgc 60  
tggtgtggcc tctctgttaa ctacagcaga agttgtagtt acagaaattc ctaaagaaga 120  
aaaagaccct ggaatgggtg caatgggtgg aatgggaggc gttcttttac tttctgtacg 180  
aagctatttc tattaaaaaa ccaaaaatct aatctcttac attattttt gcctttatac 240  
aaatatattt cctacttcta tctcacagtc attctatata gcgtctcata ctctaattt 300

tactatatcc actttatcaa ctttatcctc tatacgacct tgtataaata tc 352

<210> 2322

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2322

gcagagctaa	ggaagaagag	cgccctaaata	aactccgact	ggaaagcgaa	ggctctcctg	60
aaactcttac	aaacttaagg	aaaggatacc	tgtttatgta	taatcttggt	caattcttgg	120
gattctcctg	gatctttgtc	aacctgactg	tgcgattctg	tatcttggga	aaagagtcct	180
tttatgacac	attccatact	gtggctgaca	tgatgtattt	ctgccagatg	ctggcagttg	240
tggaaactat	caatgcagca	attggagtca	ctacgtccacc	ggtgctgcc		289

<210> 2323

<211> 171

<212> DNA

<213> Homo sapiens

<400> 2323

gcaagcgcca	ccctagcaat	atcaaccatt	aacctttcct	ctacacttat	catcttcaca	60
attctaattc	tactgactat	cctagaaacc	gctgtcgcct	taatccaagc	ctacgttttc	120
acacttctag	taagcctcta	cctgcacgac	aacacataaa	aaaaaaaaatt	c	171

<210> 2324

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2324

cggttgctgtc	ggacctgccc	cggggccagg	tggagaaagt	gagggccgta	caaggaagtg	60
aaattctgag	ttggtggggc	taagcctgac	ccctctcca	tgctccccgc	cccaaccac	120
tctggcctca	gtagattttt	ttttcagttg	tggttggtgc	ccaggctgga	gtgcagtggc	180
gccatcttgg	ctcactgcac	ctccaccttc	cgggctcaag	cgattctcca	gcctcagcct	240
cctgagtagc	taggactgca	ggtgctccac	cacgcccggc	taatttttgt	atttttagta	300
gagatggggg	ttccccatgt	tggccaggct	ggtctcgaac	tcctggcctc	aggtgtgac	360
cggccgcctc	cgctcccca	gcgtgagat	acagggggga	gccac		405

<210> 2325

<211> 158

<212> DNA

<213> Homo sapiens

<400> 2325

gacttcaagg	gtacctgaag	cgaattggca	ccaaagcagc	agctgtattg	ccgcagttct	60
agcttcacct	tcacgatgtt	tccttggtc	aaaagcgac	taaactcgtct	ccaagttcga	120
agcattcagc	aaacagtggc	taggcagagc	caccagaa			158

<210> 2326

<211> 375

<212> DNA

<213> Homo sapiens

<400> 2326

cgttgctgtc	tttctatgag	agaccgggct	ttaccatatt	acccacgagg	ctggtgaggt	60
cctgagcttg	agatacacc	gcctccctct	tccaaagctc	tgagattaca	gacttgagcc	120
accttgctctg	gacggaaatc	tcagaattct	ttaagactga	cctaattgct	gcaccccaag	180

tttacatgca	ctttcctttt	tattgtggtc	gccacttgcc	ctttgtgtcc	cacttcatgc	240
ctgtcatgtt	ctacctgact	tgcgacatgg	actgacggat	tatactgccc	ccagagaagg	300
agcttgccat	gcccggggag	gacctgaaaa	tcaaactaat	cttgcggcag	acaatgatct	360
tagagaaagg	ccagc					375

<210> 2327

<211> 427

<212> DNA

<213> Homo sapiens

<400> 2327

cctcgaatcg	ccctttttgca	tgatcccatc	gatcccaact	ccgcagatgt	cgggggtgaa	60
gggagaagct	gccggtcgca	ctcacaatga	cgacgctcct	gctattgctg	ctggagctcc	120
gggagctggg	agaggcccaa	ggatcccttc	acagatggaa	tacttcggca	ctatctccat	180
tggctgcca	ccacagaact	tactggcat	cttcgacact	ggctcctcca	acctctgggt	240
cccctctgtg	tactgcacta	gcccagcctg	cagtggaaag	actaaccgtg	gttggccagc	300
agtttgga	aagtgtcaca	gagccaggcc	agacctttgt	ggatgcagag	tttcatggaa	360
ttctgggct	gggatacccc	tccttggtg	tgggaggagt	gactccagca	tttgacaaca	420
tgatggc						427

<210> 2328

<211> 314

<212> DNA

<213> Homo sapiens

<400> 2328

gggcgttgg	ggcagagatc	atcctgacga	cgctgctggc	cctggctgta	tgcattgggtg	60
ccatcaatga	gaagacaaag	ggccctctgg	ccccgttctc	catcggtttt	gccgtcaccg	120
tggatatcct	ggctgggggg	cctgtgtctg	gaggctgcat	gaattccgcc	cgtgcttttg	180
gacctgcggt	ggtggccaac	cactggaact	tccactggat	ctactggctg	ggcccactcc	240
tgactggcct	gcttggttga	ctgctcatta	tgtgcttcaa	tgcacaccgg	aagattcggc	300
ctcatccctg	aagg					314

<210> 2329

<211> 321

<212> DNA

<213> Homo sapiens

<400> 2329

agacaaagg	ccctctggcc	ccgtttctcca	tgggctttgc	cgtcaccgtg	gatatcctgg	60
ctgggggccc	tgtgtctgga	ggctgcatga	atcccgcgcg	tgtttttgga	cctgcggtgg	120
tggccaacca	ctggaacttc	cactggatct	actggctggg	cccactcctg	gctggcctgc	180
ttgttgga	gctcattagg	tgcttcattg	gagatgggaa	gaccgcctc	atcctgaagc	240
ctcgggtgaag	cagagctcgt	gggattcctg	ctgctccagg	tgtcctcagc	tcacctgtcc	300
cagactcaag	acaggggagt	g				321

<210> 2330

<211> 270

<212> DNA

<213> Homo sapiens

<400> 2330

gacacgttgg	ctgcgttttc	ggcgggcttc	ccgggtacaa	aaatggctgt	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	cggacggaaa	gcttagatat	gccaacaaca	gcaattacaa	aaatgatgtg	180
atgatcagaa	aagaggctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat				270

<210> 2331  
 <211> 331  
 <212> DNA  
 <213> Homo sapiens

<400> 2331  
 tggggggcgac taacctaccg agcctgggtga tagctgcttg gacgagatag aatccttaggt 60  
 caactttata ttcggccaca gaaccctcta catccccctg tgaatttatc tgtagtcca 120  
 aagaggaaca gctgtttgga cactatgaaa aaaccttgcg gagagagtaa aaaatttaac 180  
 acccatagtt aacctaccga gcctgggtgat agctggctgg ccaagataga atccttagttc 240  
 aacttttaat ttgccacag aaccctctaa atccccctgt aaattgaact gtagtccaa 300  
 agaggaacag ctctttggac actaagaaaa g 331

<210> 2332  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 2332  
 aattaggaga tgctgatctc tcacattatg aatttctaaa tcctagaaag aaaggcttgg 60  
 agagcttctg aatatagaga agtttcattt aaggactagg tcccccttgt tgatgtatca 120  
 aaatattaca gactctaaac tgagacttaa ttctcaaattg tgttttactt gatctaaaat 180  
 aatctgtcca caaaaataaa attctaagta ataaattgtt attttccac cgggggaatc 240  
 actaaccat ttatgcctga ggggtgcaatt ttttgaactt gaaaatcaga ccttggcgat 300  
 gactttgaac aaaatattaa t 321

<210> 2333  
 <211> 167  
 <212> DNA  
 <213> Homo sapiens

<400> 2333  
 taaaacactg aactgaccat taacagccca atatctacaa tcaaccgaca agtcattatt 60  
 accctcactg tctacccaac acaggcatgc tcataaggaa aggtttgaaa aagtacaagg 120  
 aactcggaac atcttaccac gcctgtttac caaaaacatc acctctt 167

<210> 2334  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 2334  
 agatgcctgc taccctgact aatttaagtc attagctgac tgcataagctc tttttcttga 60  
 gaggtctctc attttgattc agaaagttag catatttatt accaatgaat ttgaaaccag 120  
 ggcttttttt tttttggggg aaggaaaacc cactccttc ccccaaaaa attaaaaaag 180  
 gcccttggt ttctttatta aggaaccccc ttctaattaa tgggccaaac cccaaggaac 240  
 aaaaatttcc caatattctg cgcctccgaa aaagaggtgc ctttttaaga aaacacgttt 300  
 ttacacctta accaaaaacc caggggggaaa aataaaacct tcggggggga aatccggggg 360  
 gtgaaaaaaa ggggccttcc attccccccc cgtttttttt tt 402

<210> 2335  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 2335

agttgtgata	cgaatagaac	aaaaaaaaaa	aaacccttaa	acttttgtgg	ggaccccaag	60
gagttgggaa	cttggggaaa	aataaccccg	gccccagcgg	ttcccaccca	cattccattt	120
ttttcttttg	aacggattta	gtaaggccca	aagggggaac	cccttctttg	gaaaaaagtc	180
ccaattgggg	tctaaaacgg	gggaaaaaaa	acaaccggc	cgccacttgg	ttaaacctaa	240
aagcttttaa	aaaccaata	tattcggcc	aaaatatccc	tggatggtaa	cccctcaccc	300
cataggggtt	tttggttttt	aaacaaaata	atatttgtcg	gggggggaaa	aacccttggc	360
tttcaaa						367

<210> 2336

<211> 188

<212> DNA

<213> Homo sapiens

<400> 2336

ggctgcctct	aggttctggg	aagatggcga	aggtctcaga	gctttacgat	gtcacttggg	60
aagaaatgag	ggataaaatg	agaaaatgga	gagaagaaaa	ctcaagaaat	agtgagcaaa	120
ttgtggaagt	tggagaagaa	ttaattaatg	aatatgcttt	taagctgggg	agatgatatt	180
tggtatat						188

<210> 2337

<211> 393

<212> DNA

<213> Homo sapiens

<400> 2337

cgttgctgtc	ggaaaaggcc	aagatagcat	agaacctgtt	cccggcaca	aggggaaaaa	60
aaaagcagtg	gagcagcgtg	acttcattgg	agtggacagc	acaggaaaga	ggctgctctt	120
catggcta	gaagcagact	tggatgaaga	gctggtcatt	aagggatcca	tctacagaa	180
gtcaataact	tctatccgga	gtgaactgat	tccatattta	gtgagaaaac	agttttctct	240
agcttcctca	caacagggac	aagaagaaaa	agaggaggat	ctaaagaaaa	aggagctgaa	300
gtccttagat	atctacagtt	ttataaaaga	agccaataca	ctgaacctgg	ctccctatga	360
tgctgctgg	aatgcctgtc	gaggagacag	gtg			393

<210> 2338

<211> 172

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(172)

<223> n = A,T,C or G

<400> 2338

atnaacaaac	ttaagtatgc	cctgacagga	gatgaaacta	agaagatttg	cgtgcagcgg	60
ttcattaaaa	tcgatggcaa	ggtacgaact	gatataacct	accctgctgg	attcatggat	120
gtcatcagca	ttgacaagac	gagagagaat	ttccgtctga	tctatgacac	cg	172

<210> 2339

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 2339  
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 gctggàcgtc aagccagatg ccgacgagt atggcactga aggggctggg gaaaccctgc 120  
 tgagaccttc caaggacagc cgtgttggtt ggactctgaa ttttgaattg ttattctatt 180  
 ttttattttc cagaactcat tttttacctt caggggtggg agctaagtca gttgcagctg 240  
 taatcaattg tgcgcagtgt ggaaaggaaa gccaggactt gtgggggtggg tgggaccaga 300  
 aattcttgag caaattttca ggagagggag aagggccttc tcagaagctt gaaggctctg 360  
 gcttaacaga gaaagagact aatgtgtcca atcatn 396

<210> 2340

<211> 385

<212> DNA

<213> Homo sapiens

<400> 2340  
 cgttgctgtc gccaaaatcg caccactgta ctccagcctg ggtggcagag tgagactccg 60  
 tctcaaaaaa aaaaaaggc cttaacctat cccttaggac aaagggactt aaaaaatttt 120  
 tacaaaactt tttatccggg gagggcaaaa tatacttttt attcttcacc ccagggaaca 180  
 ttctccaaaa taaaccatat gatgggcccc aaaacaagtc tcaataattt taataaaatg 240  
 gaaattatat caggctctct tttaaaccac aggggaataa aatgggaaat cacctccaaa 300  
 gggacccttc aaagccttgc aaagacatgg aaattaaata ccctgctccg ggattatggt 360  
 ggggtcaata acaaaaatcg gaggg 385

<210> 2341

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 2341  
 acataagttg caatactgac ataccctgag aatttgatca ccttctctta agccttcctt 60  
 ggctgcaggg ctatcttcta gaacgccagc tacaaatatt ccaacatcat ttccaccagc 120  
 cagccgcaaa cccacactat ctctttttct gaattttacc aatttcacgc tgggcctggt 180  
 aaaacagata tttcatttga aacagttaag aagagcttaa aacgttgtag caatcactac 240  
 agtgaaaact atattcagaa ttaaataaag aaccatcatt tctaaaactt ctctcatacc 300  
 actattttac taaataaaat ttagtggttag aattcaaata agacttaata an 352

<210> 2342

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2342  
 aattaggaga tgctgatctc tcacattatg aattttctaaa tctagaaaag aaaggcttgg 60  
 agagcttctg aatatagaga agtttcattt aaggactagg tcccccttgt tgatgtatca 120  
 aatatattaca gactctaaac tgagacttaa ttctcaaata tggtttactt gatctaaaat 180  
 aatctgtcca caaaaataaa attctaagta ataaattggt attttccac cgtgggaatc 240  
 actaaccat ttatgcctga ggttgcaatt ttttgaactg caaaatcaga ccttggcgat 300  
 gactttgaac aagatataaa taacttccac atgcttagcg ttccaataat ggaacactgg 360  
 gcatataatg tgaaatgtat tctatgaa 388

<210> 2343

<211> 183  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(183)  
 <223> n = A,T,C or G

<400> 2343  
 acgttccncc gctatatgcg gcggtctggc aggaatggga ggcattccata acgagaagga 60  
 gaccatgcaa agcctgaacg accgcctggc ctcttacctg gacagagtga ggagcctgga 120  
 atacgaaaac cggaggctgg agagcaaat ccgggagcac ttggagaata agggacccca 180  
 ggt 183

<210> 2344  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 2344  
 cgttgctgtc gggcatgtgc ctgtggctct agctactcat gaggctgagg taggaggatc 60  
 acttgagcct gggaggctga ggctgcagtg agccatgaac atgctactgc attccagcct 120  
 gggcaacaga gtgagaccct ggctcaaaaa acaaaaacaa aaactagttt gtttttagtat 180  
 tcattaatta cgtatatgag cactggtagt ctagtgtttg ttcttgata cagagttttc 240  
 ttaaagtaga tgatgctatt taattctgtt acttgttttt tcaactaatg gatcttttaa 300  
 agttttttat ttaaattttt tgtgggtaca tattaggtac atatacttat ggggtacatg 360  
 agatgttttt ataaaggctc agctaattga tcttgaatat catgt 405

<210> 2345  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(329)  
 <223> n = A,T,C or G

<400> 2345  
 ggagctcaga gctaaggaag aagagcgctt aaataaactc cgactggaaa gcgaaggctc 60  
 tcctgaaact cttacaaact taaggaaagg atacctgttt atgtataatc ttgtgcaatt 120  
 cttgggattc tcctggatct ttgtcaacct gactgtgcga ttctgtatct tgggaaaaga 180  
 gtccttttat gacacattcc atactgtggc tgacatgatg tatttctgcc agatgctggc 240  
 agttgtggaa actatcaatg cagcaattgg agtcactacg tcaccgggtgc tgccttctct 300  
 gatccagctt cttggaagaa attntattt 329

<210> 2346  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 2346  
 ggcacgaggc cggccaatgc cggaccgctt tggcaccgtc cgcccgatct ctccaccgct 60  
 gggccggcaa tggcgggcgc agtttcgctc ttgggtgtgg tggggctgct gcttgtgtct 120  
 gcgctgtccg gggctctagg agaccgagcc tatcccgacc tccggacaca ccaggggaac 180  
 gcagcccacc ccggctctgg agccacggaa ccccggcggc gaccaccgct caaggatcaa 240



cgcgagcgga	cccgggccgg	gtcgctgcct	ctggggggcgc	tgtacaccgc	ggccgctcgcg	300
gctttttgtgc	tgtacaagtg	tttgcagggg	aaagatgaaa	ctgcggttct	ccacgaggag	360
gcaagcaagc	agcagccact	gcagtcagag	caac			394

<210> 2347  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 2347						
attatgacag	aggttactct	agcctgctta	aaagagattt	tggggcaaaa	actcagaatg	60
gtgttttacag	tgtctcgcaat	tacaccaatg	ggagcttttg	aagtaatttt	gtgtctgctg	120
gtatacagac	cagttttaag	actggtaatt	caacagggac	tt		162

<210> 2348  
 <211> 358  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(358)  
 <223> n = A,T,C or G

<400> 2348						
cgttgctgtc	gattcanaat	tgggatgggg	gttgggggtga	agcacactta	ttatcttcag	60
ttgcagtgat	ttcaaattta	agattttttg	ttgttggttt	gaaactgtccc	cttagtttct	120
tgttatttcc	aatttgttct	gcttagtcat	tacttttaat	tcttttctta	ctaaaatttt	180
atggaggttg	ggggaagggg	gttagcatca	ctaacctgac	agttggtgcc	aggaatttgc	240
tctgtttact	gctagtatat	tagaaatcct	agatctcaga	atcacaaatag	taataaacia	300
caggggtcat	tttttcttaa	cttactctgt	gttcaagtgt	ggaattttctg	tctcccan	358

<210> 2349  
 <211> 420  
 <212> DNA  
 <213> Homo sapiens

<400> 2349						
tctactgtgg	cactatttta	gcaagttaaa	atttagttaa	accctctcat	tattaaagag	60
gaaaggcgat	ggtgatgtct	gtagtacaat	ataaaccata	attgtgattt	accttaagta	120
ggtataactc	ttatgggata	tacagtatag	tttttgtgaa	tctttacatg	acagcattat	180
ctttttataa	ttttttttcc	taagataaac	aaatgcatag	ttttcttcta	tgggtgatag	240
aaacagcttt	ttgaagtaat	gaaaacctca	aaagatcatg	ttgattctta	atttttgcct	300
tttgcataag	cctctttata	acatgtatct	ttaaaaccaa	ttaagtcttt	aggaatgtgt	360
aaccagaact	atgttagtat	tgcttataaa	acttttaggta	gggtcaatat	atacctatag	420

<210> 2350  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 2350						
cgttgctgtc	gaataagatg	tattctttat	aattgaattg	gtttttccca	cgtctaactg	60
gaaacaaaac	agaagggggc	tcataaattt	gaataagcag	aacataactgt	tctcaacata	120
ctgtaatacaa	aaggaggaat	ttcagtgggg	ctctgtgtgt	atgagagaga	gagtgtgtgt	180
ttgtgtgttt	caaggtcaca	acaggctttt	ttgtttttgt	tttttgctct	ttgctccttt	240
tcgagaagga	ggcctgctct	tgccgcccag	gctggattcc	acacgcgccc	tctccatcca	300

ctgtatcctc tgcctccag ggtcagccag gactactgcc tctcctccg gacgaactgg 360  
gaccccccca ccc 373

<210> 2351  
<211> 294  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(294)  
<223> n = A,T,C or G

<400> 2351  
ggcggctggc ctgcatcggg gacgagatgg acgtgagcct cagggccccc cgcctggccc 60  
agctctccga ggtggccatg cacagcctgg gtctggcttt catctacgac cagactgaag 120  
acatcagga tgttcttana agtttcttgg tggggttgac cacccttaag gataacattt 180  
ttattttttg gagacacca aaccccggtt cctgtttctc cttctcacac gatctttctt 240  
ctctttgggt gttgccggtt gcgttggttt cctcacgtct tccccttgcc tgtc 294

<210> 2352  
<211> 322  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(322)  
<223> n = A,T,C or G

<400> 2352  
aaatatagaa acaaaagatt attgccagcc accacaaata cacacttaac tatgtagacc 60  
attgaaacta taaagcaact acacaatcaa gtctacatga caaccgctta acaacacaat 120  
gacacgatca atttttcaca tatctacatt aacottggac acaaaagggc taaacagctc 180  
acttaaaagg tacagagtgg caagttagat acagaagcaa gacctgactg catgctgtct 240  
tcaagagatc catctccat gcagtaacat ctatgggctc aaagtaaagg gattgagaaa 300  
catgtttgaa gtaaatggaa an 322

<210> 2353  
<211> 164  
<212> DNA  
<213> Homo sapiens

<400> 2353  
aggttccctc tcggctacag gaaggcagga ggggtgagtc cctactccc ttttactgt 60  
ggccacagcc ccttgccct ccgctggga tctgagtaca tattgcggtg atggagatgc 120  
agtcaattat tgtccagggt aggcccaaga gccctgtggc cgcc 164

<210> 2354  
<211> 284  
<212> DNA  
<213> Homo sapiens

<400> 2354  
gacgttggct gcgttttcgg cgggcttccc gggtaaaaa atggctgtgg ctagcgattt 60  
ctacctgcgc tactacgtag ggcacaaggg caagtttggg cagagtttc tggagttcga 120  
atttcggccg gacggaaagc ttagatatgc caacaacagc aattacaaaa atgatgtgat 180

gatcagaaaa	gaggcttatg	tgacacaagag	tgtaatggaa	gaactgaaga	gaattattga	240
tgacagtga	attacaaaag	aagatgatgc	tttgtggcct	cccc		284

<210> 2355  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 2355	
ggcacgagat	60
ttctggagcc	120
caaccctgtg	180
agatgcgcaa	240
catccctgcc	300
gaatacccca	360
ctctttgagc	388

<210> 2356  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 2356	
ggaaaaccag	60
acacatcagc	120
aggggggatac	180
gtttttacagc	240
aaggctcacc	300
ggacgtgagt	336

<210> 2357  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 2357	
ggatgacgtc	60
gggtacaaaa	120
aagtttgggc	180
aacaacagca	240
gtaatggaag	300
tttgtggcctt	325

<210> 2358  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<400> 2358	
tgagcccagc	60
cctttgtcca	120
gcaagccctt	180
aattcactcc	240
cccatttttt	300
accccggtc	360
cacgcattcc	405

<210> 2359

<211> 387

<212> DNA

<213> Homo sapiens

<400> 2359

ggcacgaggg	cgagtgtagt	gcttccgagc	ggatcccagt	gtgcggcggc	agcggcgggc	60
gcggcgctc	ccgggctccg	gctccggctt	ctgctgttgc	tcttctccgc	cgcggcactg	120
atccccacag	gtgatgggca	gaatctgttt	acgaaagacg	tgacagtgat	cgaggagag	180
gttgcgacca	tcagttgcca	agtcaataag	agtgacgact	ctgtgattca	gctactgaat	240
cccaacaggc	agaccattta	tttcagggac	ttcaggcctt	tgaaggacag	caggtttcag	300
ttgctgaatt	tttctagcag	tgaactcaaa	gtatcattga	caaacgtctc	aatttctgat	360
gaaggaagat	acttttgcca	gctctat				387

<210> 2360

<211> 413

<212> DNA

<213> Homo sapiens

<400> 2360

gactgctgca	gccggcgctg	ggcccaggca	ccaccgcggt	gctgctgctg	cagatctcca	60
cgcggccgga	ggatctcggg	gagacagtct	gtccctcaa	gttcgcgcac	cgagtgggtc	120
aagtggagct	ggggccagcc	cggcgccgca	gggtcccgcg	ctcctccggg	acgccttctt	180
ccctcagcac	cgacactccg	ctcaccggga	ccccctgcac	ccctacgcgc	tccccgggca	240
gtcctccatg	ccccagtccc	gacaacgggt	cgggctcggc	tctcgcgcgc	gcagagggcc	300
tgccctcta	gtcctgggtc	gcggccctgc	ccatgggggtc	tcaggccagg	tctctgctgg	360
cagaggcggt	agtaaagtcc	ctgtaccccg	tctcccaggg	cacaagctcc	cta	413

<210> 2361

<211> 318

<212> DNA

<213> Homo sapiens

<400> 2361

gatgctcggg	gctgccttgg	ccaaggcggt	gagtcttgag	gagaggttct	ggaatgcac	60
tggggcgggc	tttgtgacag	tccaggagca	ggggcagggt	gcaggggctg	tggtagcaga	120
gatcatcctg	acgacactgc	tggccctggc	tgtatgcatg	ggtgccatca	atgagaagac	180
aaagggccct	ctggccccgt	tctccatcgg	ctttgccgtc	accgcggata	tcttggttgg	240
gggcctgtg	tctggaggct	gcatgaatcc	cgcccgctgt	tttgacactg	cgggggtggc	300
caaccactgg	aactttcg					318

<210> 2362

<211> 321

<212> DNA

<213> Homo sapiens

<400> 2362

cagccatgtc	tggtcgaact	gctgggctct	gctctcttca	tcttcatcgg	gtgcctgtcg	60
gtcatcagaa	tgggacggac	actgggctgc	tgcagacggc	cctggcccac	gggctggctt	120
tggggctcgt	gattgccacg	ctggggaata	tcagtgggtg	acacttcaac	cctgcgggtg	180
ccctggcagc	catgctgac	ggaggcctca	acctggtgat	gctcctcccg	tactgggtct	240
cacagctgct	cggggggatg	ctcggggctg	ccttggccaa	ggcggtgagt	cctgaggaga	300
ggctctggaa	tgcactctgg	g				321

<210> 2363

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 2363

cgttgctgtc	ggctgcgcg	cgccagagta	acctaacttg	tctcctgctt	tcgagacatg	60
gccttcaatt	ttggggctcc	ctcgggcacc	tccgggtacc	ctgcagccac	cgcgcccccc	120
gcggatcata	tctgaagata	ttagtgagct	acaaaagaat	caaactacat	ctgtagccaa	180
aattgcacaa	tacaagagga	aactcatgga	tctttcccat	agaactttac	aggtcctaata	240
caaacaggaa	attcaaagga	agagtgggta	tgccattcag	gctgatgaag	agcagttgag	300
agttcagctg	gatacgattc	aggggtgaact	aaatgcacct	actcagttca	agggccgact	360
aatgaattg	atgtctcaaa	tcagg				386

<210> 2364

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2364

ggcagcaggg	taagaagagc	tgtcgcatta	cccaggcatc	gtggatggcc	ccgcagccct	60
ggatagcttc	ccagagacag	tgccccagc	accagggccc	tatggaccgc	accggccttc	120
ccagaccctg	ccccaggct	tggacagcga	cggctcgaag	agggagaagg	atgagatcta	180
tggacacccg	ctcttcccc	tcttggccct	ggtctttgag	aatgtgaac	ctggctacat	240
gctctccccg	tgacggggcc	ggagctgggc	tggggacacc	ccctggagga	gatgtctgct	300
cctctgatta	cttcaacgag	gacatcgctg	cctttgccaa	gcagggtccgc	tctgagaggc	360
ccctcttctt	cttcaaccca	g				381

<210> 2365

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2365

cgttgctgtc	ggcagattct	gcagccatca	aacatccagc	agcagcaaag	cctgcagccg	60
ccaccaccac	caccacagcc	gcaccttggc	gtgagctcag	cagccagcgg	ccacctgggc	120
cggagcttcc	tgagtggaga	gccagagccag	gcagacgtgc	agccactggg	ccccagcagc	180
ctggcggtgc	acactattct	gccccaggag	agccccgccc	tgccccagtc	gctgccatcc	240
tcgctggggc	caccggggac	cgcagcccag	ttcctgacgc	ccccctcgca	gcacagctac	300
tgctcgctg	tggacaacac	ccccagccac	cagctacagg	tgccctgagca	cccccttctc	360
accccgctcc	ctgagctccc	tg				382

<210> 2366

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2366

ggggatacaa	aatggctgtg	gctagcgatt	tctacctg	ctactacgta	gggcacaagg	60
gcaagtttgg	gcacgagttt	ctggagttcg	aatttcggcc	ggacggaaag	cttagatatg	120

ccaacaacag	caattacaaa	aatgatgtga	tgatcagaaa	agaggcttat	gtgcacaaga	180
gtgtaatgga	agaactgaag	agaattattg	atgacagtga	aattacaaaa	gaagatgatg	240
ctttgtggcc	tccccctgat	agggttggcc	gacaggagct	tgaaattgta	attggagatg	300
agcacatata	ttttaccan					319

<210> 2367

<211> 397

<212> DNA

<213> Homo sapiens

<400> 2367

ggatgacgtc	actgcaaggc	gccgggggac	acgttggctg	cgttttcggc	gggcttccc	60
ggtacaaaaa	tggctgtggc	tagcgatttc	tacctgcgct	actacgtagg	gcacaagggc	120
aagtttgggc	acgagtttct	ggagttcgaa	tttcggcccg	acggaaagct	tatatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaaag	aggcttatgt	gcacaagagt	240
gtaatggaag	aactgaagag	aattattgat	gacagtgaag	ttacaaaaaga	agatgatgct	300
ttgtggcctc	cccctgatag	ggttggccga	caggagcttg	aaattgtaat	tggagatgag	360
cacatatctt	ttaccacatc	aaaaaataag	ttctctt			397

<210> 2368

<211> 406

<212> DNA

<213> Homo sapiens

<400> 2368

attcgaattc	cgttgctgtc	ggcggcatca	aactcttttt	gactgctccc	ctatctccac	60
cccggagctg	ctcactccgt	gcggtcggc	ggagtacatg	gccccggagg	tagaggaggc	120
cttcaacgag	gaggctagca	tctacgacaa	gcgctgcgac	ctgtggagcc	tgggctcat	180
cttgtatatc	ctactcagcg	gctacccgcc	cttcgtgggc	cgctgtggca	gcgactgcgg	240
atgggaccgc	ggcgaggcct	gccctgcctg	ccaaacatgc	tgtttgagag	cattcaagag	300
ggcaagtacg	aagttccccg	acaggactgg	gcccacatct	tctgcgctgc	caagacctca	360
tattcaagct	gttgggtccg	accccccaaca	gaggctgtat	gccgcg		406

<210> 2369

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2369

cgttgctgtc	gggagacttg	aggagttgct	gaggtgccac	gtgtacctgg	gcacgaggat	60
atgatgtttc	agcttctccg	aggtctggac	tttcttcatt	cacaccgagt	agtgcacgc	120
gatctaaaac	cacagaacat	tctggtgacc	agcagcggac	aaataaaaact	cgctgacttc	180
ggccttgccc	gcatctatag	tttccagatg	gctctaacct	cagtggctcg	cacgctgtgg	240
tacagagcac	ccgaagtctt	gctccagtc	agctacgcca	cccccgagg	tctctggagt	300
gttggctgca	tatttgcaga	aatgtttcgt	agaaagcctc	tttttcgtgg	aagttcagat	360
gttgatcaac	taggaaaaaa	cttggacgtg	attggactcc	cagg		404

<210> 2370

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2370

cgttgctgtc	gatgggacta	gattctaaaa	tttatttggg	accatgggaa	tgatagttgg	60
gaagaaaact	atttgcacac	gacagatttc	tagatacttt	ttgctgctag	ttttatgtaa	120
tattttattga	acattttgac	aaatatttat	ttttgtaagc	ctaaaagtga	ttctttgaaa	180
gtttaaagaa	acttgaccaa	aagacagtac	aaaaaactcg	gcacttgaat	gttgaatgtc	240

accgatatg	cg	tgaaattata	tatttcgggg	tagtgtgagc	ttttaatggt	taagtcatat	300
taaactctta	ag	tcaaatta	agcagacccg	gcgttgagc	tgtagccata	actttctgat	360
gttagtaaaa	ac	aaaaattg	cgacttgaaa	ttaaatcatg	ccaaggtttt	gatacact	418

<210> 2371  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(400)  
 <223> n = A,T,C or G

<400> 2371							
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gc	act	tg	aca	gt	attg	aggt	120
cct	gt	acat	ttt	gccc	ata	actttt	180
ttt	tata	tat	at	gtc	ctt	gtg	240
gatt	gtt	gaa	cgc	agc	ttgt	ctagga	300
accat	ggg	gaa	tgat	agtt	gg	gaagaaa	360
ctg	ctg	ctag	nttt	atgt	ga	tatttatt	400

<210> 2372  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 2372							
cg	ttg	ctg	tc	gaa	actttt	atta	60
tg	gt	ctat	tca	attag	tc	taggttt	120
aa	agt	acttc	tttt	attg	ca	cattcag	180
tt	aa	acttc	aat	cttact	tgt	ctctt	240
gg	at	ggg	act	agatt	ctaaa	at	300
tatt	tg	caca	cg	acag	attt	ctagata	360
aac	atttt	ga	caa	atattt	ta	ttttt	385

<210> 2373  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 2373							
cg	ttg	ctg	tc	gat	ccccct	gccc	60
tccc	ctg	ggc	ccc	gct	gaa	ggatc	120
tg	cgc	tcag	cgc	gcccc	tc	gcgc	180
tg	gag	gagga	cct	gcctt	cgc	ctg	240
gg	ctg	cagg	act	gcagg	gc	tgtggg	300
gctt	gtg	cc	ctc	acg	ac	tgca	360
ggg	agt	ctt	g	ccag			375

<210> 2374  
 <211> 380  
 <212> DNA  
 <213> Homo sapiens

<400> 2374

cgttgctgtc	ggagggtcccc	tgggccccgc	ctgaaggatc	agaggcagca	gaggaggcag	60
ccccagtg	ccgcatgccg	tcagccccgc	ccccctcgcc	gccactgtca	agctgggagc	120
gggtgtcacg	gctcatggag	gaggaaccctg	ccttccgctg	tggctgtctt	cgctggctca	180
agcaggagca	gctacggctg	cagggactgc	agggctctgg	gggccggggc	ggggggctgc	240
gcaggcccc	agccccgttt	gtgccccctc	acgactgcaa	gctacgcttc	cccttcaaga	300
gcaaccccc	acaccgggag	tcttgggccag	ggatggggag	cggggagggt	ccaactccgg	360
tccaaccccc	tgaggaggcg					380

<210> 2375

<211> 373

<212> DNA

<213> Homo sapiens

<400> 2375

cgttgctgtc	ggccgcccact	gtcaagctgg	gagcgggtgt	cacggctcat	ggaggaggac	60
cctgccttcc	gtcgtggctg	tcttcgctgg	ctcaagcagg	agcagctacg	gctgcaggga	120
ctgcagggtc	ctggggggccg	gggcgggggg	ctgcgcaggc	ccccagcccc	ctttgtgccc	180
cctcacgact	gcaagctacg	cttccccctc	aagagcaacc	cccagcaccg	ggagtcttgg	240
ccagggtatg	ggagcggggg	ggctccaact	ccgctccaac	cccctgagga	ggtcactccc	300
catccagcca	cccctgcccc	ccggcctccg	agtccccgaa	ggtcccacca	tccccgcagg	360
aactccctgg	atg					373

<210> 2376

<211> 310

<212> DNA

<213> Homo sapiens

<400> 2376

attacagtac	agaagaaagt	gagtcagtgg	tgggagagac	tcacaaagca	ggaaaagcga	60
ccactgtttt	tggctcctga	ctttgatcgt	tggctggatg	aatctgatgc	ggaaatggag	120
ctcagagcta	aggaagaaga	gcgcctaaat	aaactccgac	tggaaaagca	aggctctcct	180
gaaactctta	caaacttaag	gaaaggatac	ctgtttatgt	ataatcttgt	gcaattcttg	240
tgattctcct	ggatctttgt	caacctgact	gtgcgattct	gtatcttggg	aaaagagtcc	300
ttttatgaca						310

<210> 2377

<211> 426

<212> DNA

<213> Homo sapiens

<400> 2377

cgttgctgtc	gggaggagga	ccctgccttc	cgtcgtggtc	gtcttcgctg	gctcaagcag	60
gagcagctac	ggctgcaggg	actgcagggc	tctggggggc	ggggcggggg	gctgcgcagg	120
ccccagcccc	gctttgtgcc	ccctcacgac	tgcaagctac	gcttccccct	caagagcaac	180
ccccagcacc	gggagtcttg	gccagggatg	gggagcgggg	aggctccaac	tccgctccaa	240
ccccctgagg	aggctactcc	ccatccagcc	acccctgccc	gccggcctcc	gagtccccga	300
aggctcccacc	atccccgcag	gaactccctg	gatggagggg	gccgatcccc	gtgaaggggt	360
tctgcacagc	ctgaacccca	gcacttccag	cccaaaaagc	acaactctta	tccccagcca	420
ccccat						426

<210> 2378

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2378

ggacacatca	gcccaaggag	tactagaggc	acaaatatgc	cagctacctt	tggaattttg	60
------------	------------	------------	------------	------------	------------	----



gcaggggggat	acgatggcca	atattatgga	tatcttttga	gtgaagtatt	ttccatggat	120
atgtttttaca	gctgttttaa	aaaagaaggg	ataatgaatc	cggagggttg	aatgaaatac	180
agaaaccta	tcctgaaacc	tgggggatct	ctggacggga	tggacatgct	ccacaatttc	240
ttgaaacgtg	aggccaacca	aaaagcggtc	ctaatagagta	gaggcctgct	tgctcccgga	300
actggggaac	tttgggagcc	gggcatgtct	ggaggaatag	tcgaaatccc	catg	354

<210> 2379

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 2379

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gccgaagcgg	tctacgtgtg	agataacacg	acagagggggg	agcccatgga	gtactaaagg	120
cacaaatatg	ccagctacct	ttggacattt	ggcaggggga	tacgatggcc	aatattatgg	180
atatcttttg	agtgaagtat	tttccatgga	tatgtttttac	agctgtttta	aaaaagaagg	240
gataatgaat	ccggagggttg	gaatgaaata	cagaaaccta	atcctgaaac	ctgggggatc	300
tctggacggc	atggacatgc	tccacaattt	cttgaaacgt	gagccaaacc	aaaaagcggt	360
cctaatagag	agaggcctgc	atgctccgtg	aactgggggat	ctttggtagc	cgtccatgtc	420
tggaggacaa	gtcgacatca	ccatgtgttt				450

<210> 2380

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2380

catcgattcg	aattccggtg	ctgtcgccca	cctctactgt	ttgaaaaaat	acatcggtga	60
tttcctaata	gaaaatgggt	caataacttc	tatccggagt	gaactgattc	catatttagt	120
gagaaaaacg	ttttcctcag	cttcctcaca	acaggggacaa	gaagaaaaag	aggaggatct	180
aaagaaaaag	gagctgaagt	ccttagatat	ctacagtttt	ataaaagaag	ccaatacact	240
gaacctggct	ccctatgatg	cctgctggaa	tgctgtcgca	ggagacaggt	gggaagactt	300
gtccagatca	caggtgcgct	gctatgtcca	catcatgaaa	gaggggctct	gctctcgagt	360
gagcacactg	ggactctaca	tggaaagcaa	cagacaggtg	cccaaattgc	tgtctgct	418

<210> 2381

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2381

cgttgtgtgc	ggaaatcaac	tgtaagtgtc	taaagacatt	gtctgtctct	gaggatagaa	60
gtatctgcct	gcagccaaga	cttcattttg	atggcaaata	cattgtctgt	agttcagcac	120
ttggtctcta	ccagtgaggac	tttgccagtt	atgatattct	cagggtcata	aagactcctg	180
agatagcaaa	cttggccttg	cttggctttg	gagatatctt	tgccctgctg	tttgacaacc	240
gctacctgta	catcatggac	ttgctggacag	agagcctgat	tagtctgctg	cctctgccag	300
agtacaggaa	atcaaagaga	ggctcaagct	tcctggcagg	cgaagcatcc	tggctgaatg	360
gactggatgg	gcacaatgac	acgggcttgg	tctttgccac	cagcatgg		408

<210> 2382

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2382

cggttgctgtc	gccggagccg	aaacaccggt	aggagcgggg	agggtgggtac	tacacaaccg	60
tctccagcaa	tgaccaatga	agctggagct	cctcggctta	tgataactca	tattgtaaac	120
cagaacttca	aatcctatgc	tggggagaaa	attctgggac	ctttccataa	gcgcttttcc	180
tgtattatcg	ggccaaatgg	cagtggcaaa	tccaatgtta	ttgattctat	gctttttgtg	240
tttggctatc	gagcacaaaa	aataagatct	aaaaaactct	cagtattaat	acataattct	300
gatgaacaca	aggacattca	gagttgtaca	gtagaagttc	attttcaaaa	gataattgat	360
aaggaagggg	atgattatga	ag				382

<210> 2383

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2383

gagtacagct	ctctggaaca	tgagagtgc	aggggtgtga	ttgagtgttt	gaagattgtc	60
acacgagcca	agtctcagcg	gattgcaaag	ttcgcccttg	actatgccac	caagaagggg	120
cggggcaagg	tactgctgt	ccacaaggcc	aacatcatga	aacttgggga	tgggttgttc	180
ctgcagtgct	gtgaggaagt	tgctgaactg	taccccaaaa	tcaaatttga	gacaatgatc	240
atagacaact	gctgcatgca	gctgggtgcag	aatccttacc	agtttgatgt	gcttgtgatg	300
cccaatctct	atgggaacat	tattga				326

<210> 2384

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2384

cggttgctgtc	ggagggtgacc	aagcaattag	agggtgataac	agcccaagac	actgtaatta	60
aagctaaata	tgcagaagtg	gcaaaacaca	aggagcaaaa	caatgattct	cagcttaaaa	120
ttaaggaatt	agaccacaac	atcagcaaac	ataaacggga	ggctgaagat	ggtgctgcaa	180
aggatcccaa	aatggttgaaa	gattatgact	ggattaatgc	agagagacac	ctctttggcc	240
aacccaatag	tgcttatgat	ttcaaaacta	acaaccctaa	agaagctggg	cagagacttc	300
agaagttgca	agaaatgaag	gagaaactag	gaagaaatgt	caatatgaga	gctatgaatg	360
tattgacaga	agctgaagag	cgatacaatg	acttgatgaa	gaaa		404

<210> 2385

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2385

cggttgctgtc	gctttgtgac	aacagtttag	gacttatctc	tgagaatctg	gaaaatggg	60
gaatgtgctc	aaactatccg	acttcagct	cagtctatat	ggtgctgctg	tgtgctcgac	120
aatggtgaca	ttgtggttgt	gatggcatta	ttagagtgtc	tacagaatca	gaagatcgaa	180
cagcaagtgc	tgaagaaatc	aaggcttttg	aaaaagaact	gtctcacgca	accattgatt	240
ctaaaactgg	cgatttaggg	gacatcaatg	ctgagcagct	tctggggagg	gaacatctta	300
atgaacctgg	tactagagaa	ggacagactc	gtctaatacag	agatggggag	aaagtgaag	360
cctatcagtg	gagtgttagt	gaaggggag				388

<210> 2386

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2386  
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 aaagaaacgg cacattctgt attgggctca gatgcaaag atgtagttat tactgtcccg 120  
 tttgattttg gagaaaagca aaaaaatgct cttggagaag cagctagagc tgctggattt 180  
 aatgttttgc gattaattca cgaaccgtct gcagctcttc ttgcttatgg aattggacaa 240  
 gactccccta ctggaaaaag caatatattt gtgtttaagc ttggaggaac atccttatct 300  
 ctcagcgtca tggaagttaa cagtggaaata tatcgggttc tttcaacaaa cactgatgat 360  
 aacatcgggt gtgcacattt cacagaaacc t 391

<210> 2387  
 <211> 340  
 <212> DNA  
 <213> Homo sapiens

<400> 2387  
 gagtacagct ctctggaaca tgagagtga aggggtgtga ttgagtgttt gaagattgtc 60  
 acacgagcca agtctcagcg gattgcaaag ttcgcctttg actatgccac caagaagggg 120  
 cggggcaagg tctactgctgt ccacaaggcc aacatcatga aacttgggga tgggtgttc 180  
 ctgcagtgt gtgaggaagt tgctgaactg taccacaaaa tcaaatttga gacaatgatc 240  
 atagacaact gctgcatgca gctggtgcaa aatccttacc agtttgatgt gcttgtgatg 300  
 cccagtctct atgggaacat tattgacaat ctggctggtg 340

<210> 2388  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<400> 2388  
 cgttgctgtc ggattctgaa aagttaattc ctgtaccaat ggtggggttt aaggaacttc 60  
 tccgaagact gaaggttcaa gatcagatga ctaagcagca tcaaaccaga ttagatatca 120  
 tatctgaaga tattagttag ctacaaaaga atcaaactac atctgtagcc aaaattgcac 180  
 aatacaagag gaaactcatg gatctttccc atagaacttt acaggctcta atcaaacagg 240  
 aaattcaaag gaagagtggg tatgccattc aggctgatga agagcagttg cgagttcagc 300  
 tggatacgat tcagggtgaa ctaaatgcac ctactcagtt caagggccga ctaaatgaat 360  
 tgatgtctca aatcaggatg cagaatcatt ttggagcagt cagatctgaa g 411

<210> 2389  
 <211> 442  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(442)  
 <223> n = A,T,C or G

<400> 2389  
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 tggatggctc ggagttcaag gttgccttaa gaaatacctg gaaagaaaac ctaactgaac 120  
 ttagtggttg tcagaggtct ttagtggtct tgctattaat actgtccatg cttctcttca 180  
 aacctgctcc aatttatatc cttgatgagg tagatgcagc cttggatctt tctcatacc 240  
 aaaacattgg acagatgctg cgtactcatt tcacacattc tcagttcatt gtgggtgtc 300  
 taaaagaagg tatgttcaac aatgcaaagc ttcttttcaa aaccaagttt gtggatgggt 360  
 tttctacagt agccagattt actcaatgtc aaaatggaaa gatttcatag gaagcanaat 420  
 ccaaggcaga accacccana gg 442

<210> 2390

<211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 2390  
 cggtgctgtc gggacttttg gtctatTTTT tctactcttt tgccctgggtgc taatgctatg 60  
 cttgcaccac cagaggggtca aactgttttg gatgggtctgg agttcaaggt tgccttagga 120  
 aatacctgga aagaaaacct aactgaactt agtgggtggc agaggtcttt agtggccttg 180  
 tcattaatac tgtccatgct tctcttcaaa cctgctccaa tttatacct tgatgaggta 240  
 gatgcagcct tggatctttc tcatacccaa aacattggac agatgctgcg tactcatttc 300  
 acacattctc agttcattgt ggtgtcacta aaagaaggta tgttcaaaa tgcaaactgt 360  
 cttttcaaaa ccaagtttgt ggatgggtgt tctacagtag ccagattt 408

<210> 2391  
 <211> 356  
 <212> DNA  
 <213> Homo sapiens

<400> 2391  
 ctggactgaa atataaacca gtgactaacc aggttgagtgc tccccatac ctcacacagg 60  
 agaaactgat ccagtactgc cactccaagg gcatcacgtg tacggcctac agccccctgg 120  
 gctctccgga tagaccttg gccaagccag aagacccttc cctgctggag gatcccaaga 180  
 ttaaggagat tggctgcaaag cacaaaaaaa ccgcagccca ggttctgac cgtttccata 240  
 tccagaggaa tgtgattgtc atccccagt ctgtgacacc agcacgcatt gttgagaaca 300  
 ttcaggtctt tgactttaaa ttgagtgatg aggagatggc aaccatactc agcttt 356

<210> 2392  
 <211> 400  
 <212> DNA  
 <213> Homo sapiens

<400> 2392  
 cgttgctgtc ggtccggagt ataggaatat gcagaaatag gatatgatgt ttcagcttct 60  
 ccgagggtctg gactttcttc attcacaccg agtagtgcac cgcgatctaa aaccacagaa 120  
 cattctgggtg accagcagcg gacaaataaa actcgctgac ttcggccttg cccgcactta 180  
 tagtttccag atggctctaa cctcagtggg cgacacgctg tggtagagag caccgaagt 240  
 cttgctccag tccagctacg ccacccccgt ggatctctgg agtgttggct gcatatttgc 300  
 agaaatgttt cgtagaaagc ctctttttcg tggaagtca gatgttgatc aactaggaaa 360  
 aatcttggac gtgattggac tcccaggaga agaagactgg 400

<210> 2393  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 2393  
 gcacttccag atcgagaagc tcttgaacaa acctcgactg aaatataaac cagtgactaa 60  
 ccaggttgag tgtcacccat acctcacgca ggagaaactg atccagtact gccactccaa 120  
 gggcatcacc gttacggcct acagccccct gggctctccg gatagacctt gggccaagcc 180  
 agaagacctt tccctgctgg aggatcccaa gattaaggag attgctgcaa agcacaaaaa 240  
 aaccgcagcc caggttctga tccgtttcca tatccagagg aatgtgattg tcatcccaa 300  
 gtctgtgaca ccagcacgca ttgttgagaa cattcaggtc tttgacttta aattgagtga 360  
 tgaa 364

<210> 2394  
 <211> 436  
 <212> DNA

<213> Homo sapiens

<400> 2394

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agttcgaagc	ttgctagggg	gaaatattcg	tctcctgttg	cgtggaggcg	ctccactttc		120
tgcaacacag	cagcgattca	tgaacatatg	tttctgctgt	cctggtggtc	agggatacgg		180
cctcactgaa	tctgctgggg	ctggaacaat	ttccgaagtg	tgggactaca	atactggcag		240
agtgggagca	ccattagttt	gctgtgaaat	caaattataa	aactgggagg	aaggtggata		300
ctttaatact	gataagccac	accccagggg	tgaaattctt	attgagggcc	aaagtgtgac		360
aatgggggtac	tacaaaaatg	aagcaaaaac	aaaagctgat	ttctttgaag	atgaacatgg		420
acaaagggtgg	ctctgg						436

<210> 2395

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2395

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ccattgattc	taaaactggc	gatttagggg	acatcaatgc	tgagcagctt	cctggggagg	120
aacatcttaa	tgaacctggt	actagagaag	gacagactcg	tctaatacaga	gatggggaga	180
aagtgcgaagc	ctatcagttg	agtgttagtg	aagggagggtg	gataaaaatt	ggtgatgttg	240
ttggctcatc	tggtgctaatt	cagcaaacat	ctggaaaagt	tttatatgaa	gggaaagaat	300
ttgattatgt	tttctcaatt	gatgtcaatg	aaggtggacc	atcatataaa	ttgccatata	360
ataccagtga	tgacccttgg	tn				382

<210> 2396

<211> 429

<212> DNA

<213> Homo sapiens

<400> 2396

tcccatcgat	tcgaattccg	ttgctgtcga	tgttctagaa	ttaagtgtcg	agcttgtctg	60
tctttctcac	ggatgccgca	ttggttactc	ttcaccacag	actttagcag	atcagtcttc	120
aaaaattaaa	aaaggaagca	aaggggatac	atccatgttg	aaaccaacac	tgatggcagc	180
agttccggaa	atcatggatc	ggatctacaa	aaatgtcatg	aataaagtca	gtgaaatgag	240
tagttttcaa	cgtaatctgt	ttattctggc	ctataattac	aaaatggaac	agatttcaaa	300
aggacgtaat	actccactgt	gcgacagctt	tgttttccgg	aaagtccgaa	gcttgctagg	360
gggaaatatt	cgtctcctgt	tgtgtgggtg	cgctccactt	tctgcaacca	cgcagcgatt	420
catgaacat						429